

FIG. 1

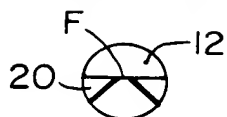


FIG. 5

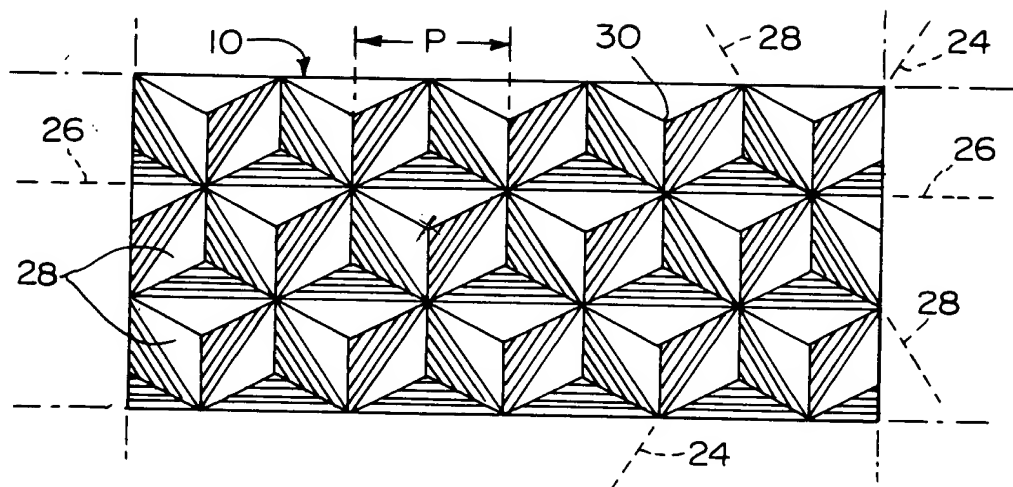


FIG. 2

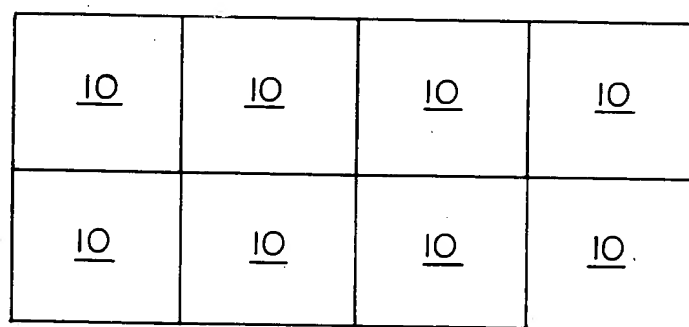


FIG. 3

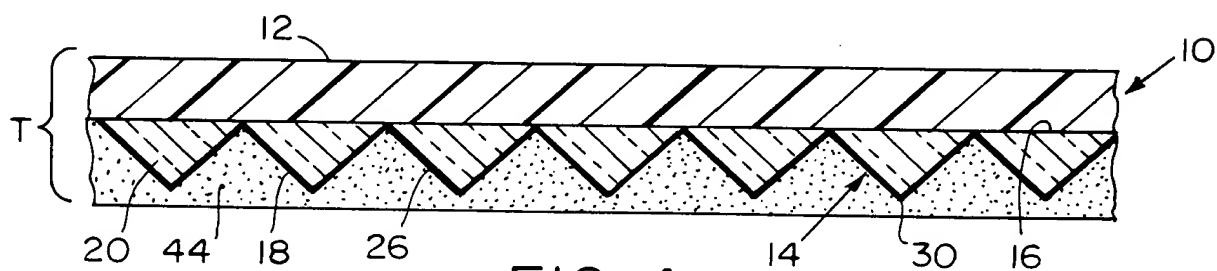


FIG. 4

08980885-120197

6 mil prism , Metal

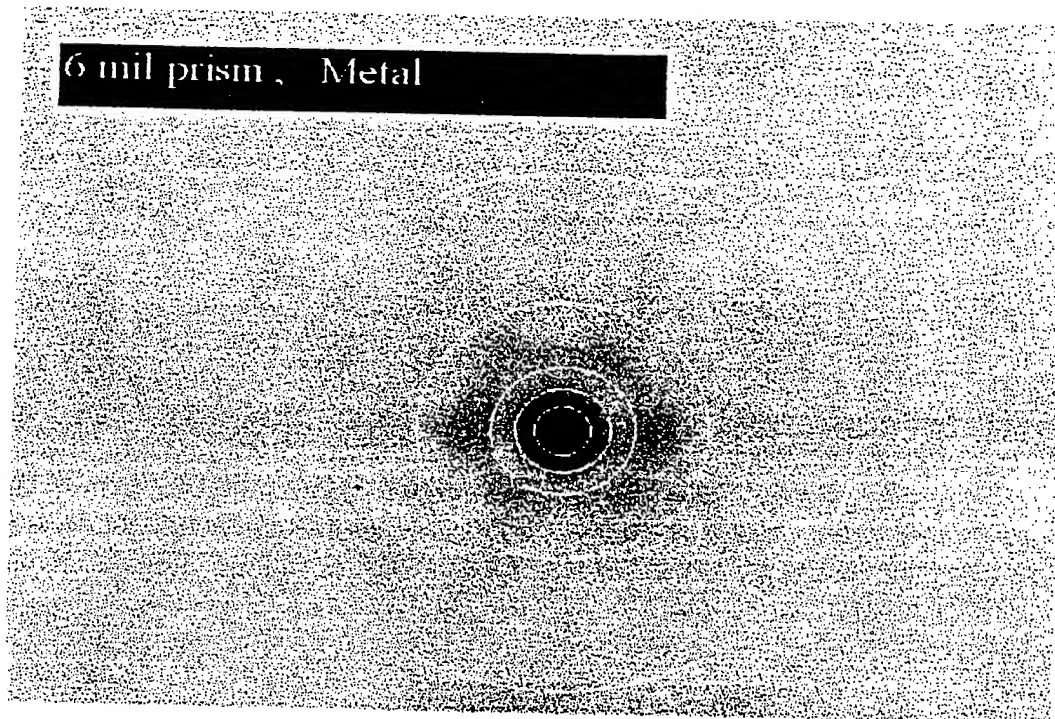


FIG. 6

6 mil prism Airback

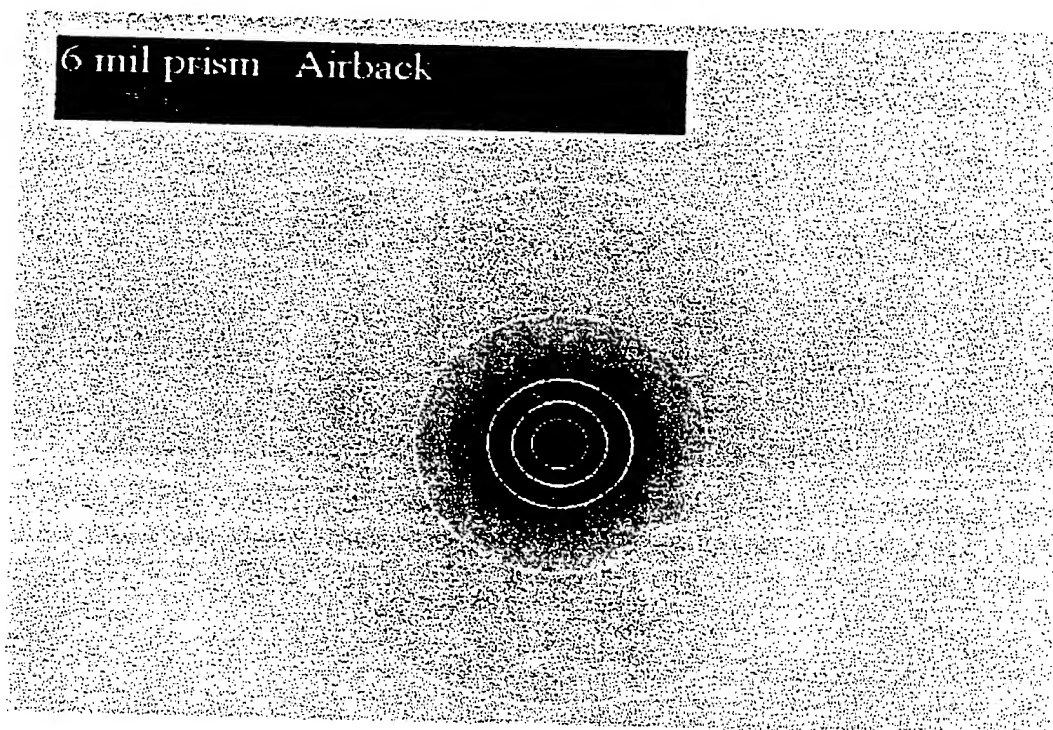


FIG. 7

08980885-120197

RF279 2 mil prism Metal sheet

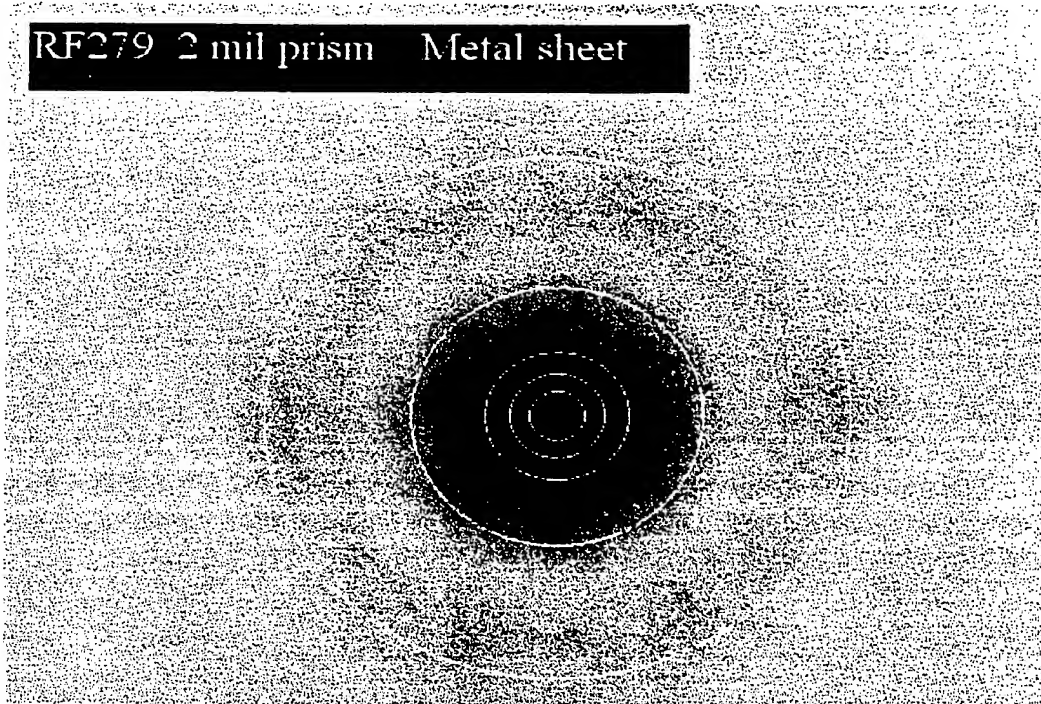


FIG. 8

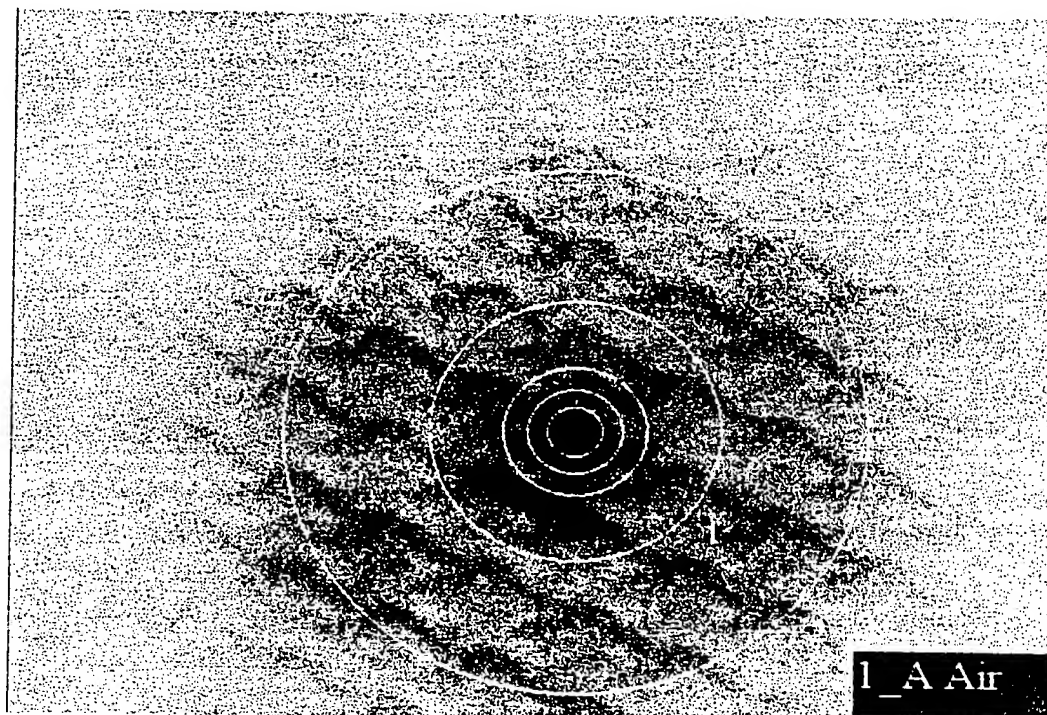


FIG. 9

08980885-120197

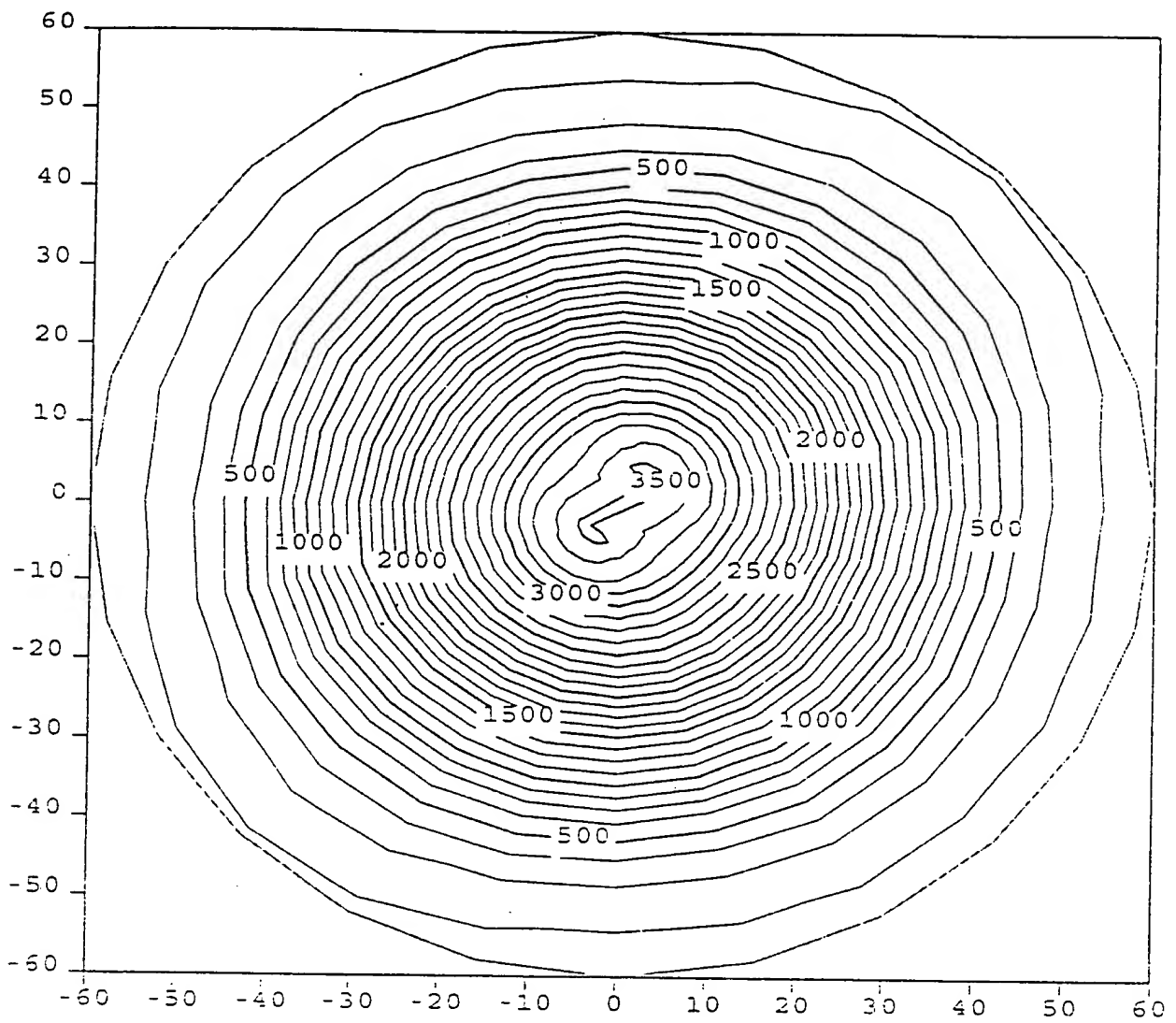


FIG. 10

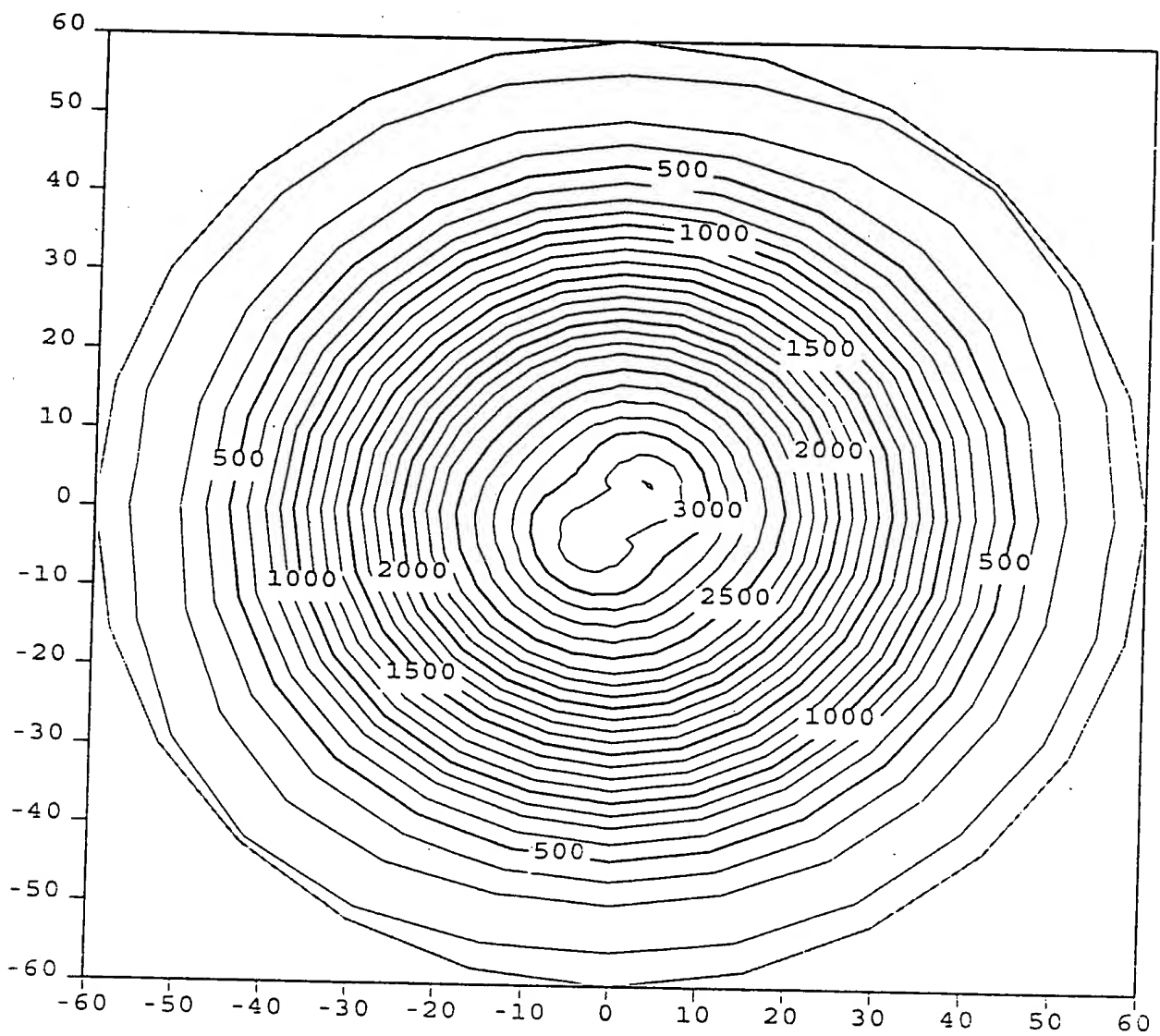


FIG. 11

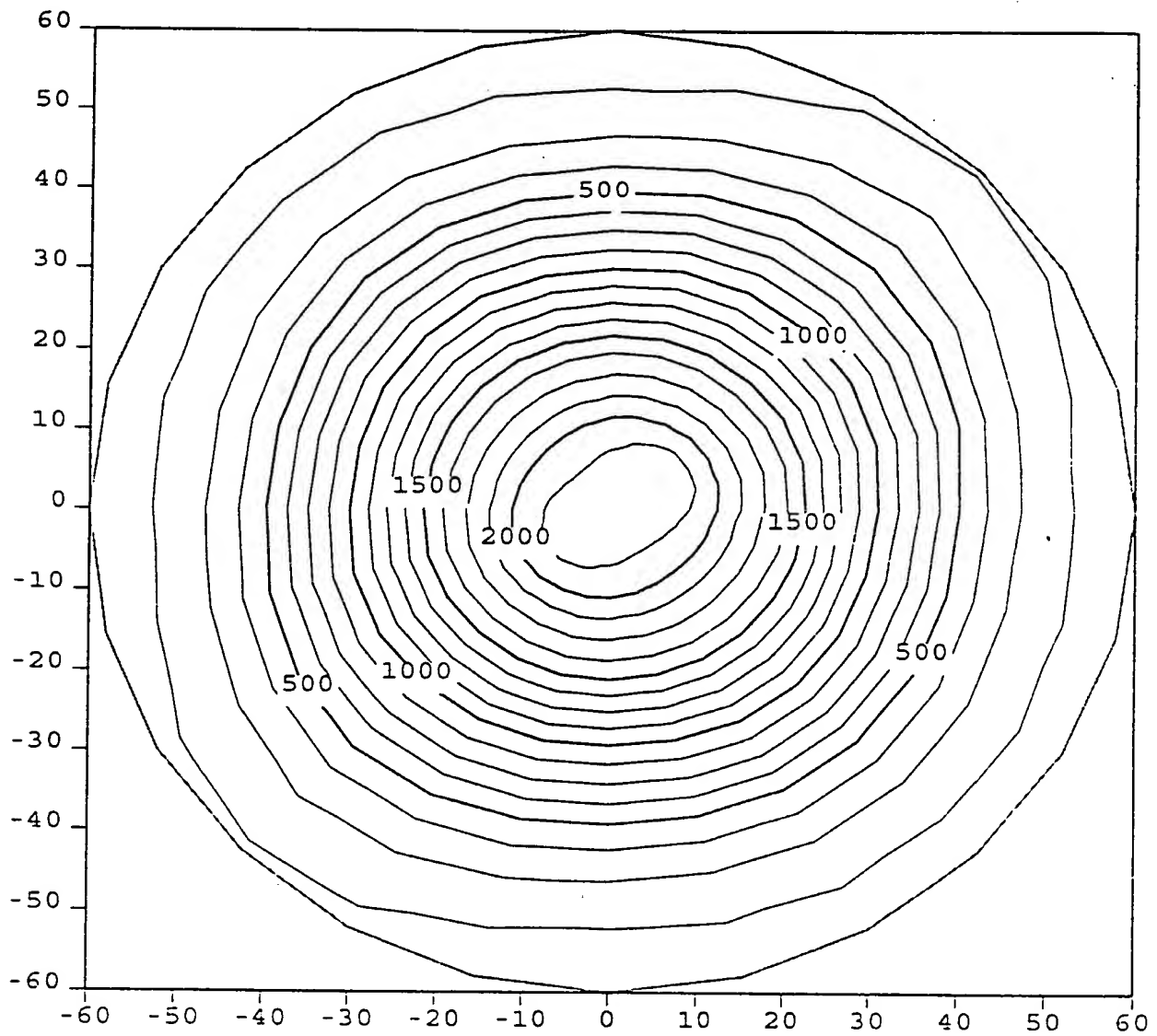


FIG. 12

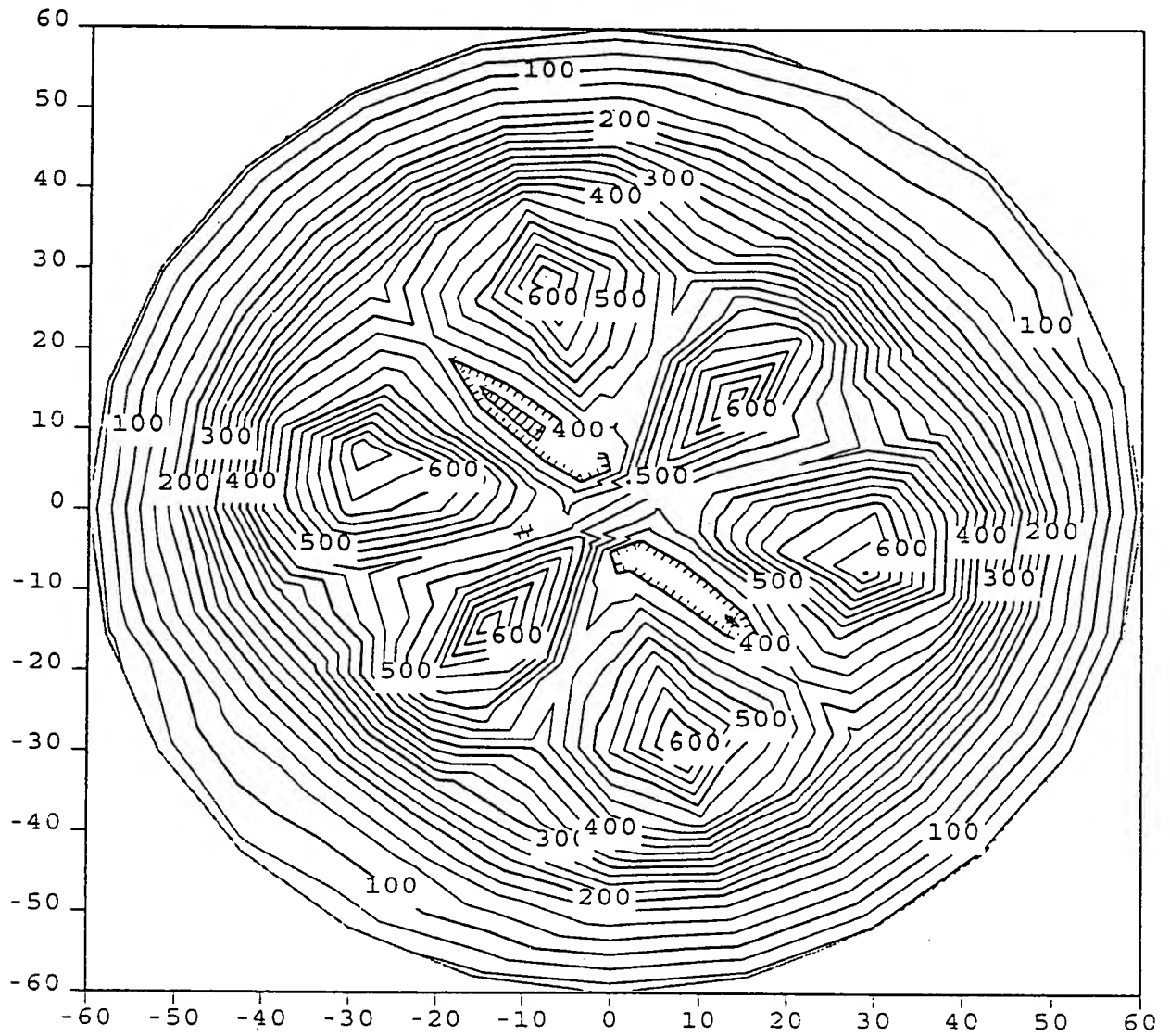


FIG. 13



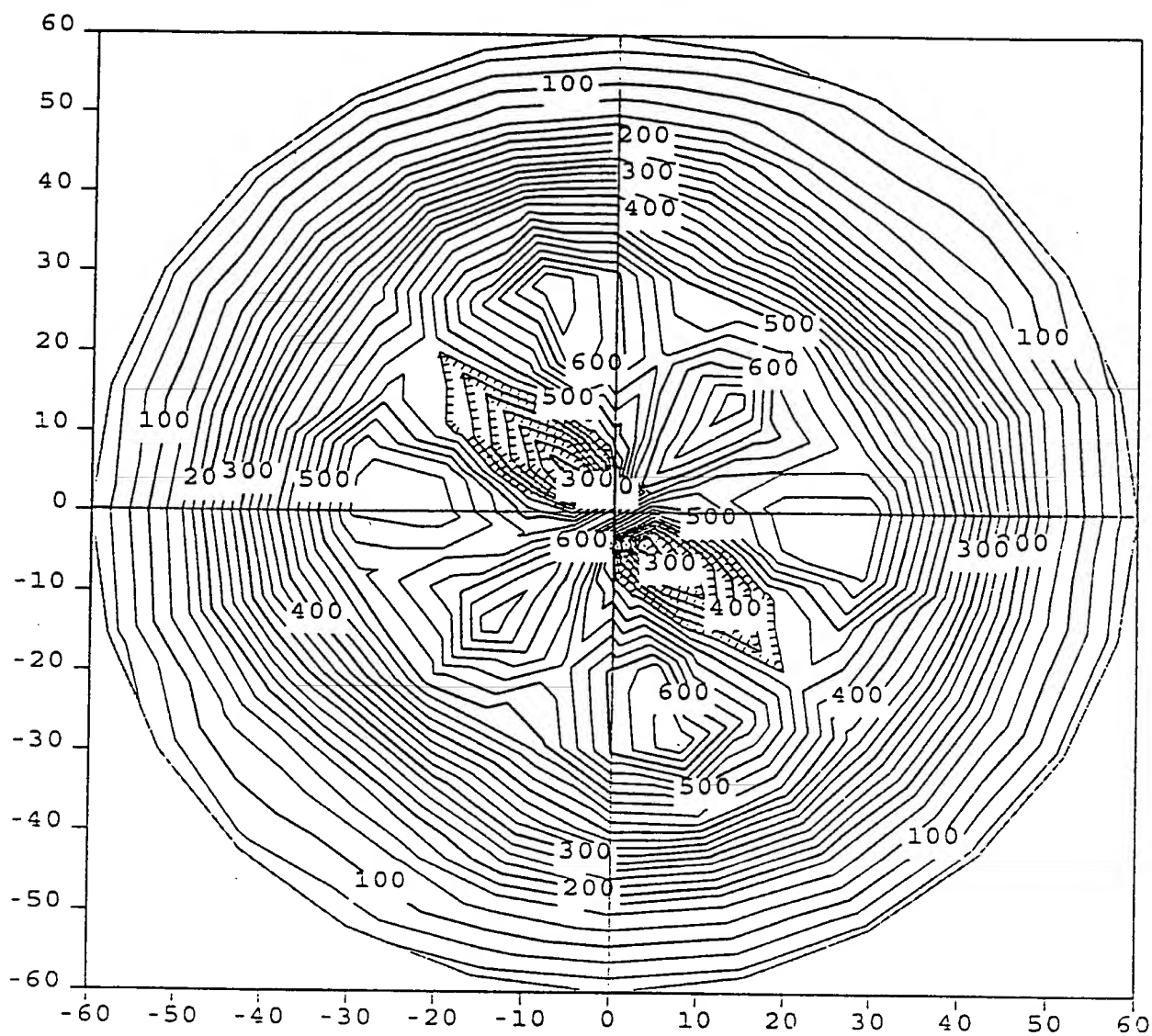


FIG. 14



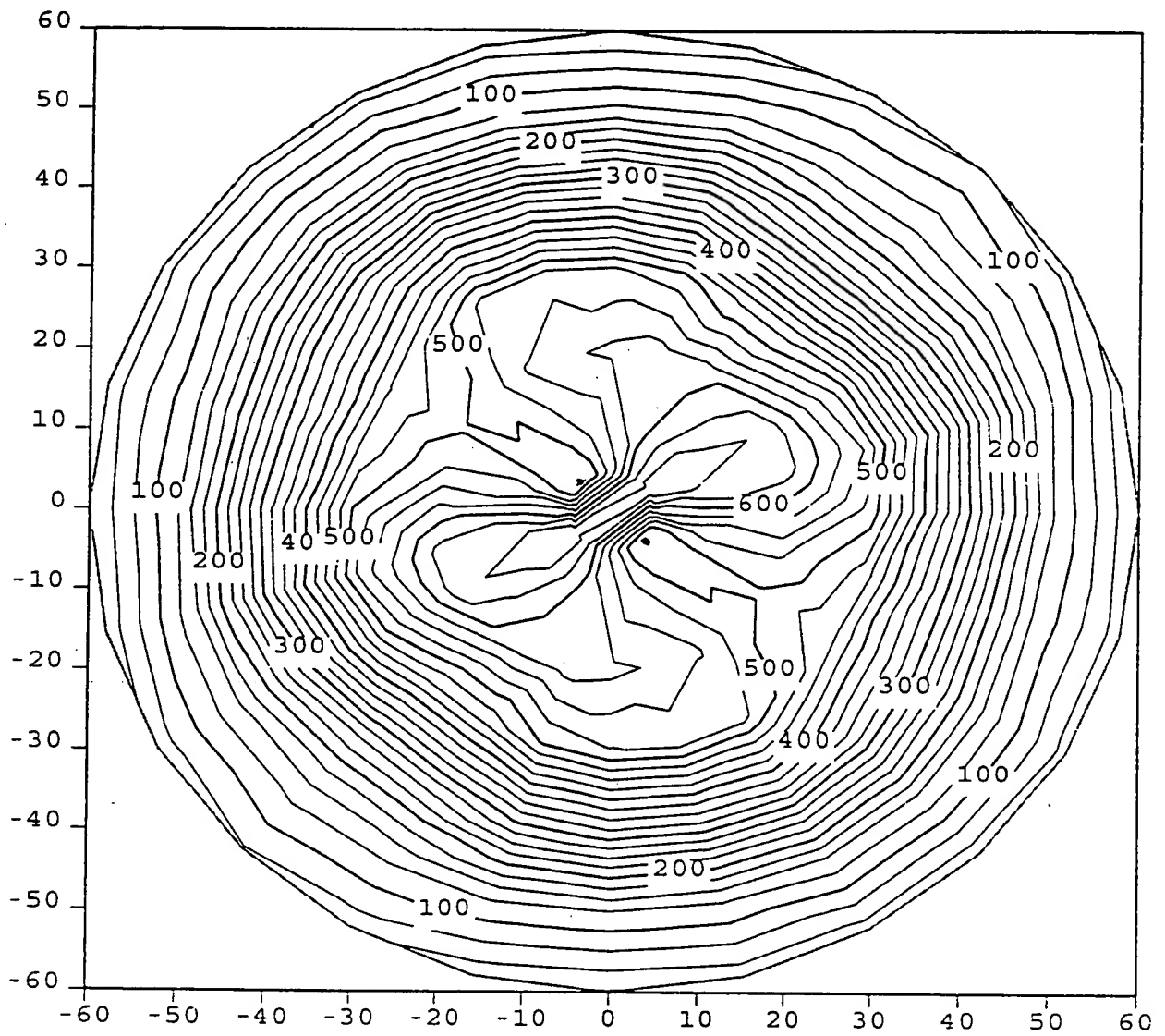


FIG. 15

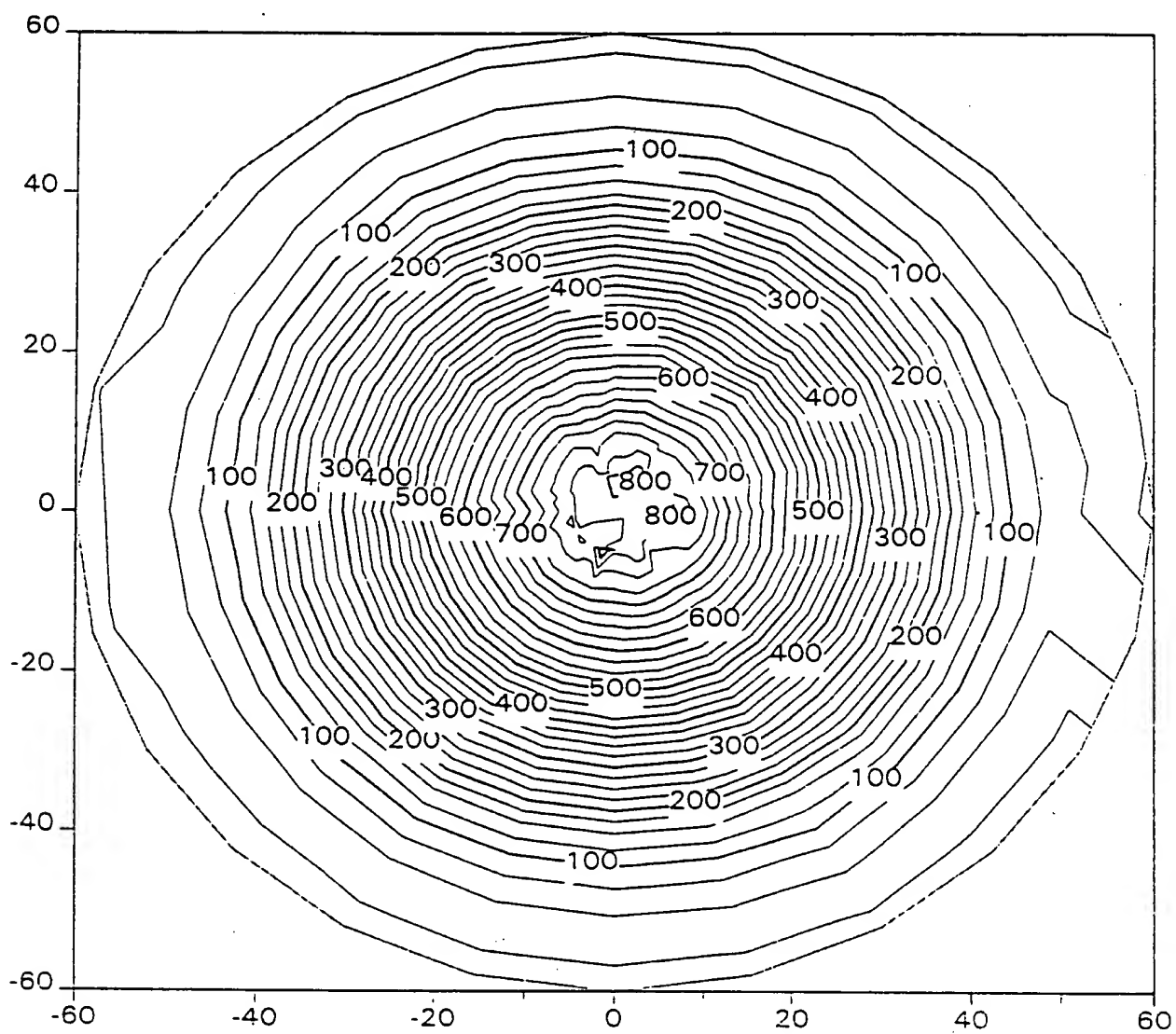


FIG. 16

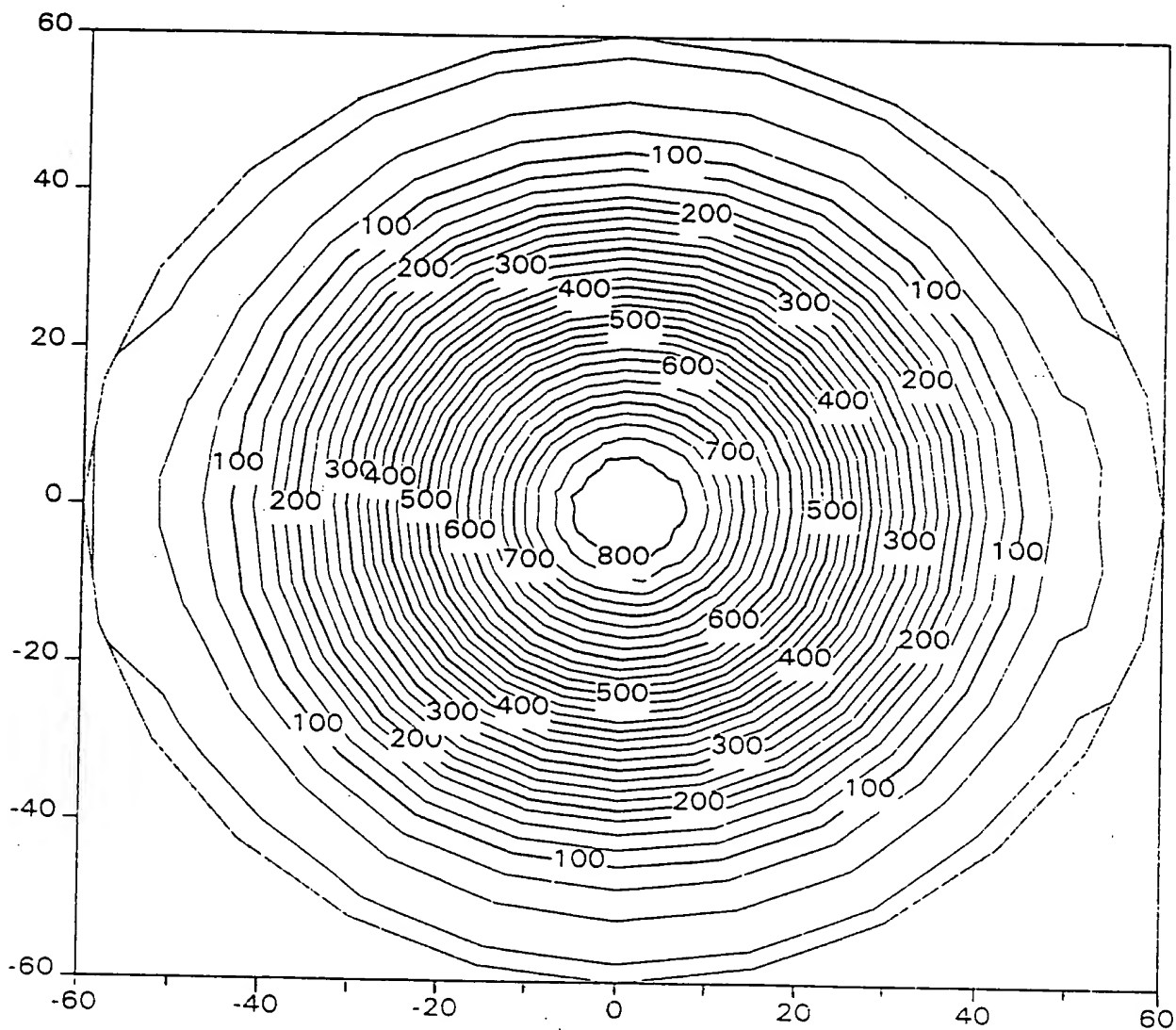


FIG. 17

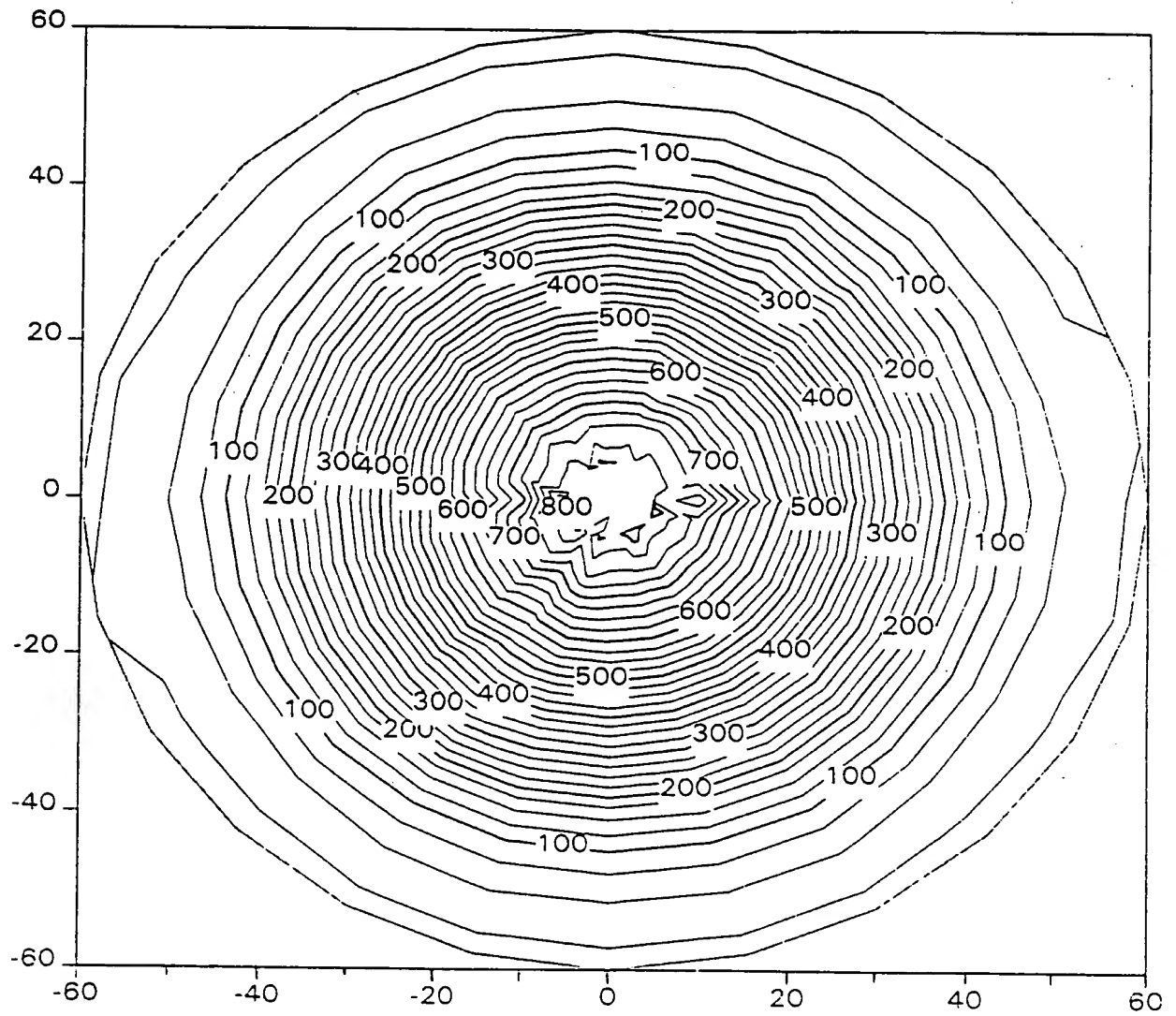


FIG. 18

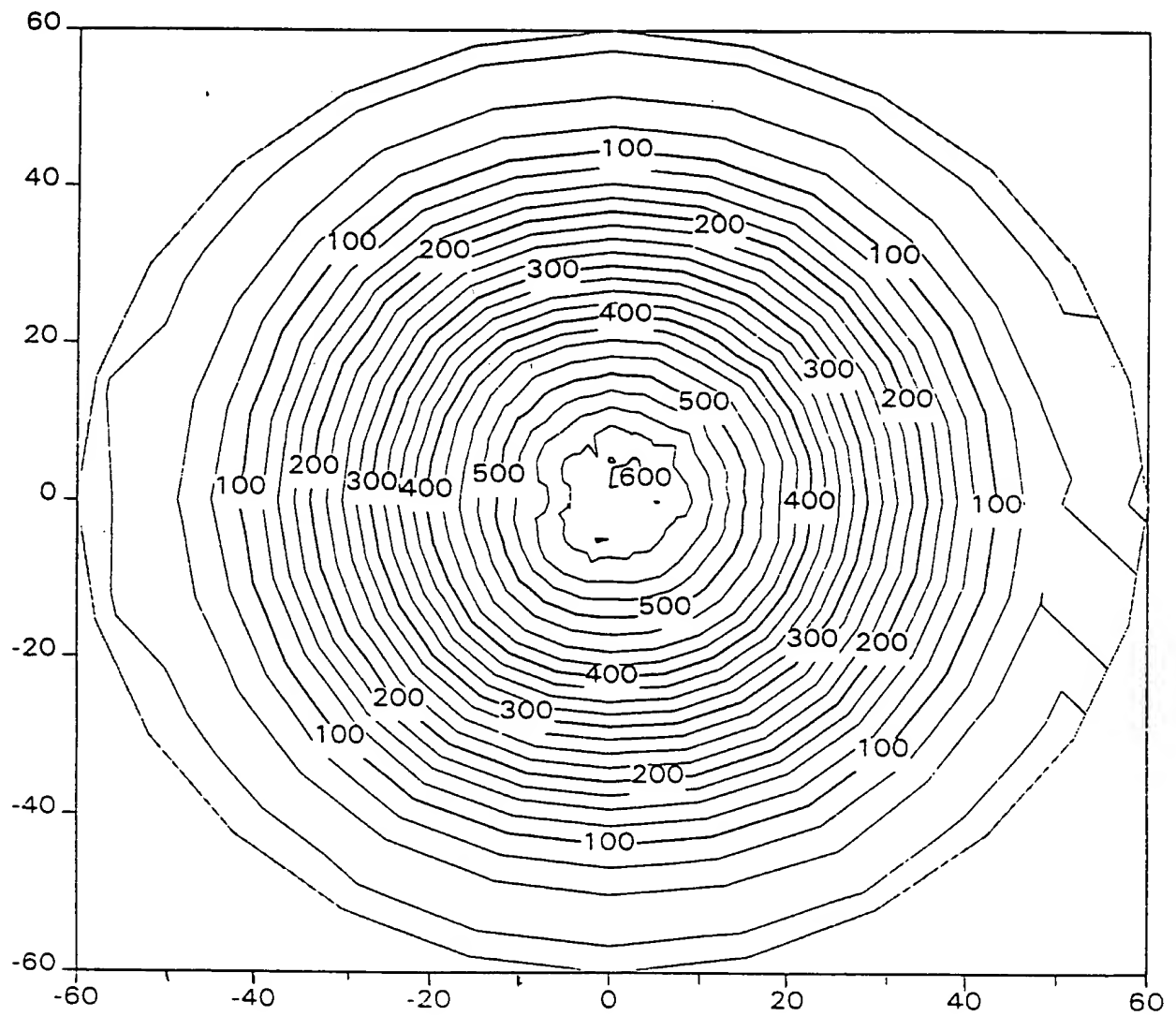


FIG. 19

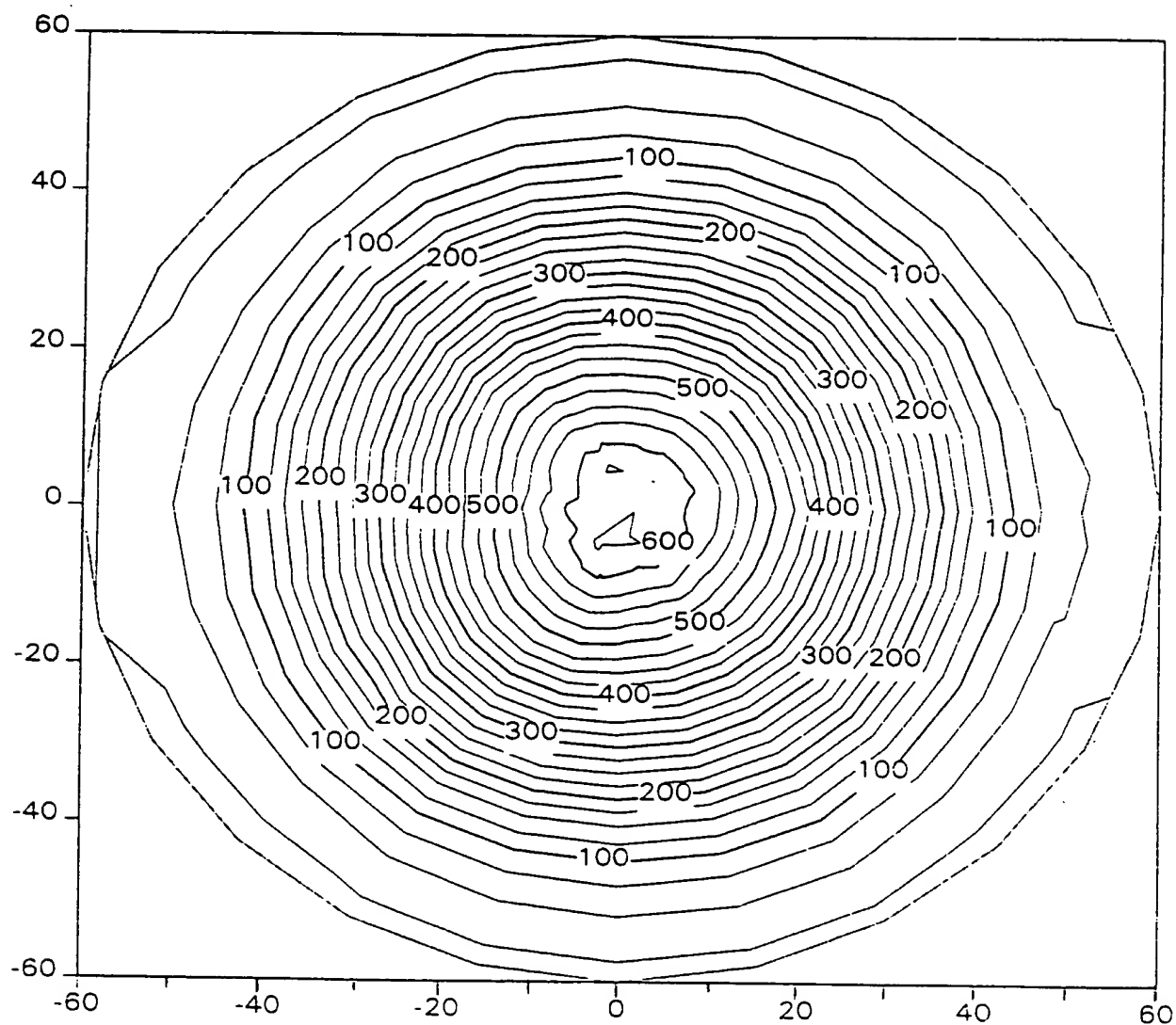


FIG. 20

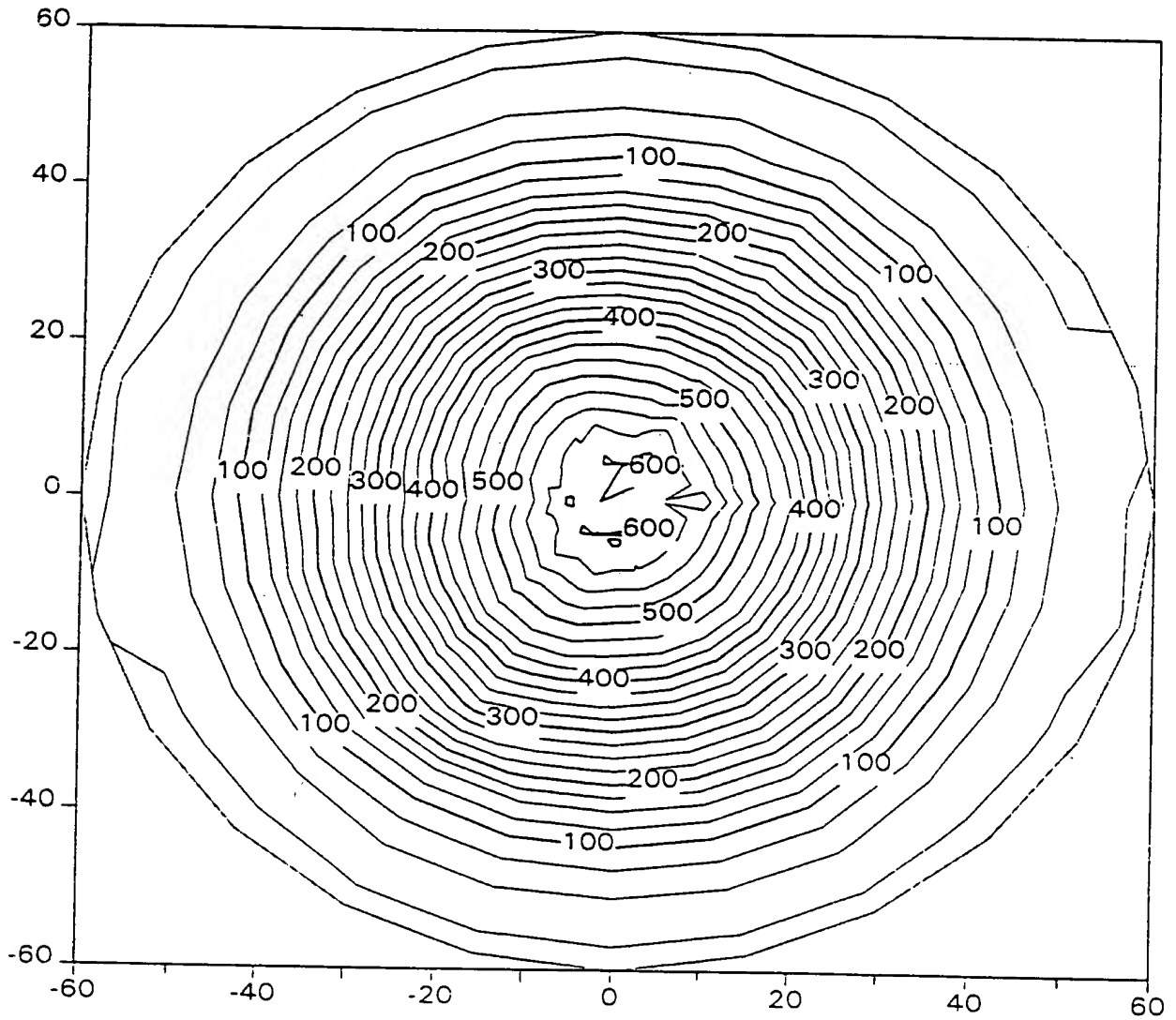


FIG. 21



0890885 1207027

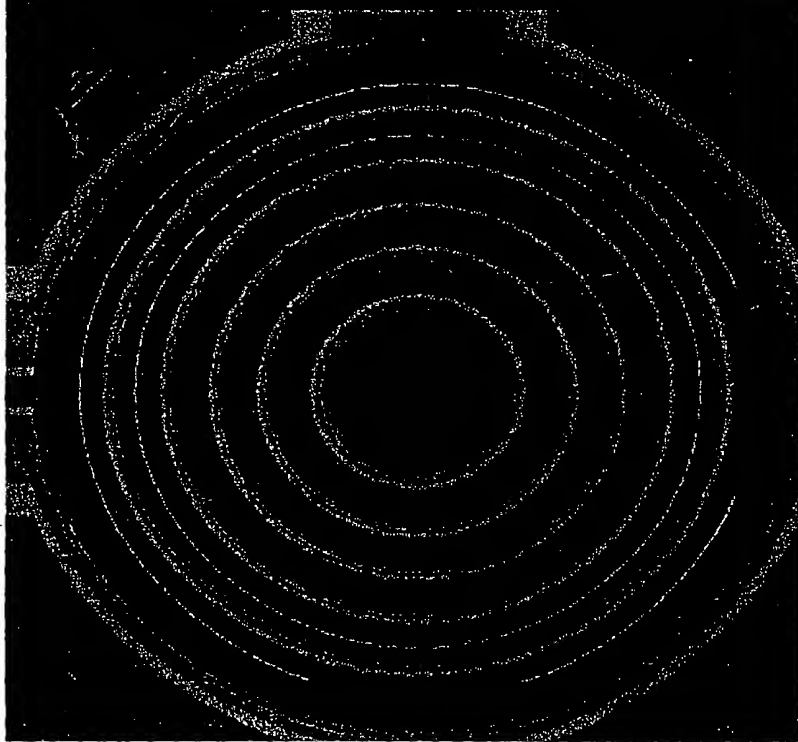


FIG. 22A

Diffraction Pattern

$p=2/1000''$

Angles:  $5, 0$

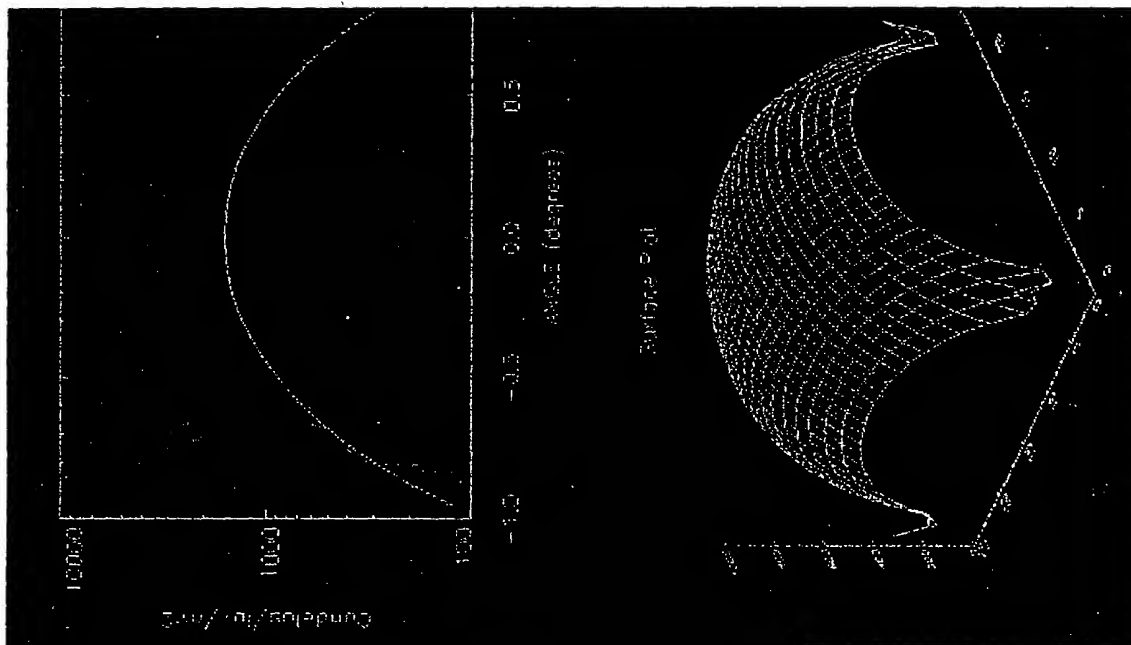


FIG. 22B

FIG. 22C

08908851 2201 58808680



FIG. 23A

Diffraction pattern

$p=6/1000''$

Angles 5, 0

FIG. 23B

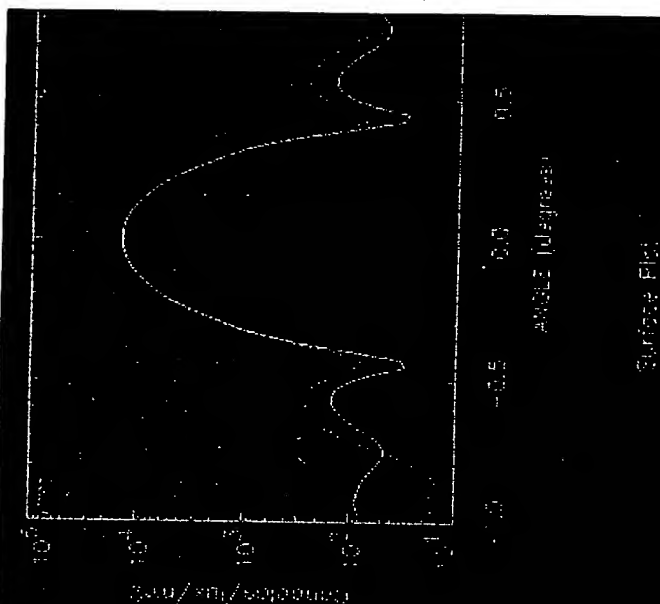
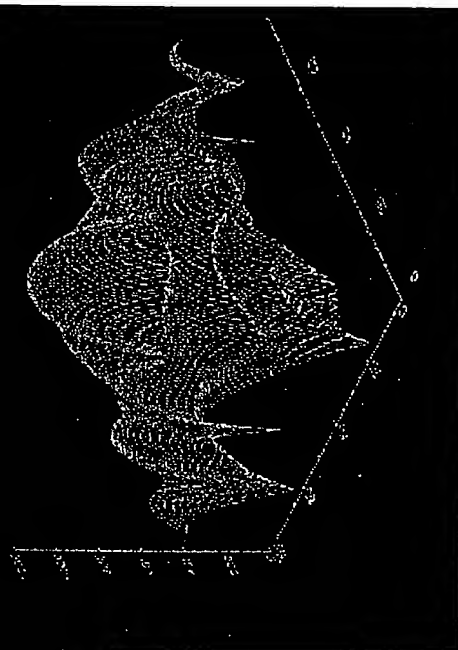
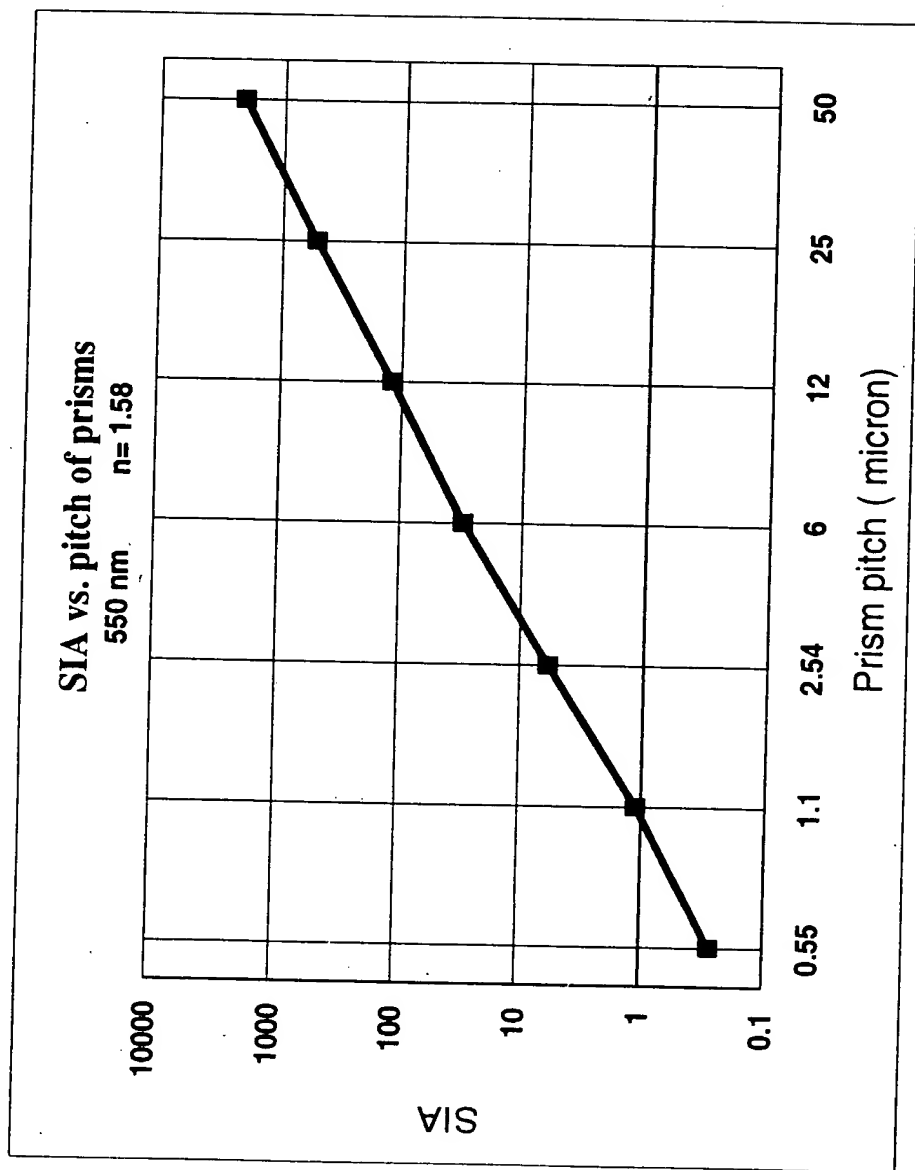


FIG. 23C



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|             |       |      |      |       |        |        |         |
|-------------|-------|------|------|-------|--------|--------|---------|
| p           | 0.55  | 1.1  | 2.54 | 6     | 12     | 25     | 50      |
| SIA(center) | 0.277 | 1.11 | 5.92 | 30.67 | 122.68 | 532.48 | 2113.43 |

FIG. 24

REF ID: A58808690



FIG. 25A

Surface Plot

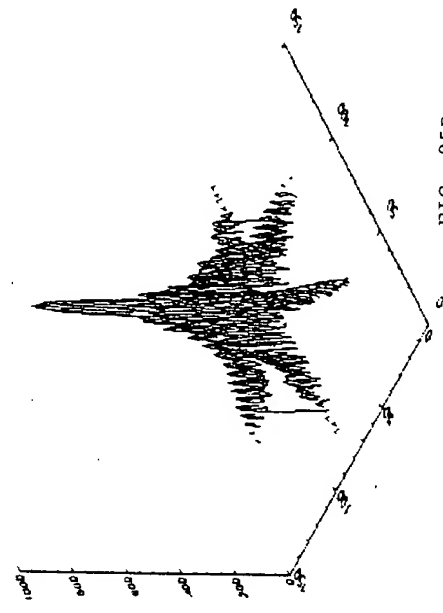
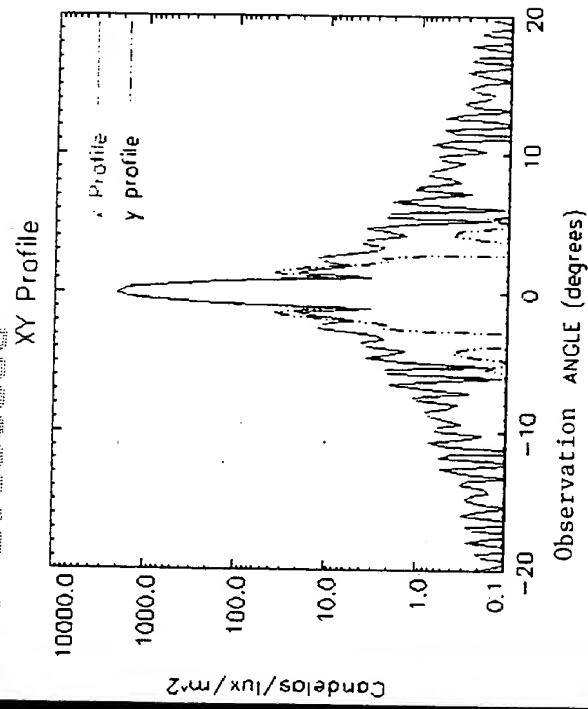


FIG. 25B



$p = 2 \text{ mil}$

FIG. 25C

550 nm

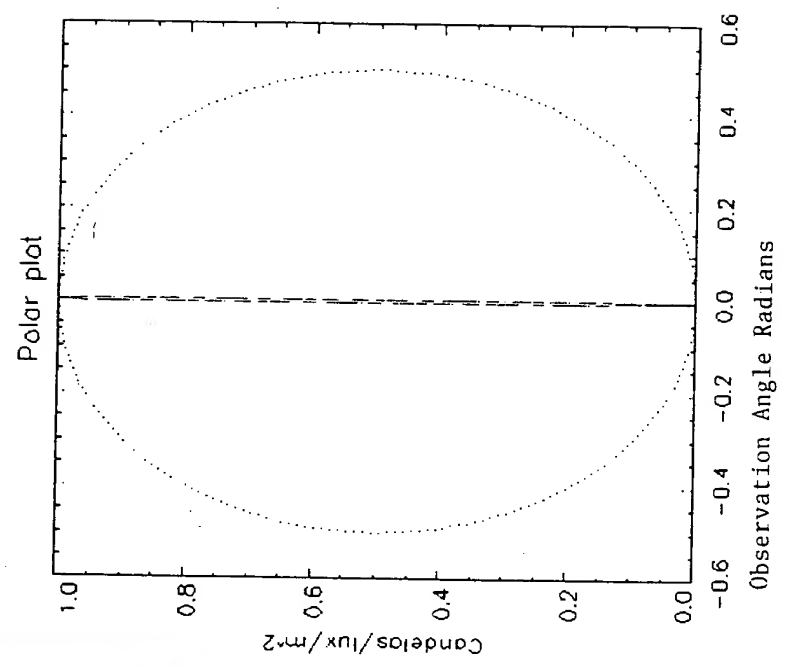


FIG. 25D

FIG. 26A

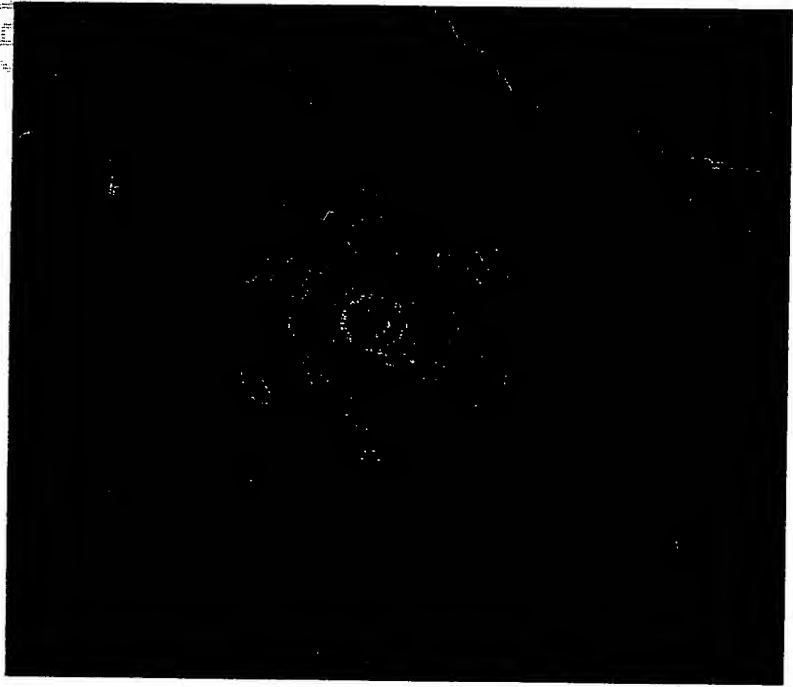


FIG. 26A

Surface Plot

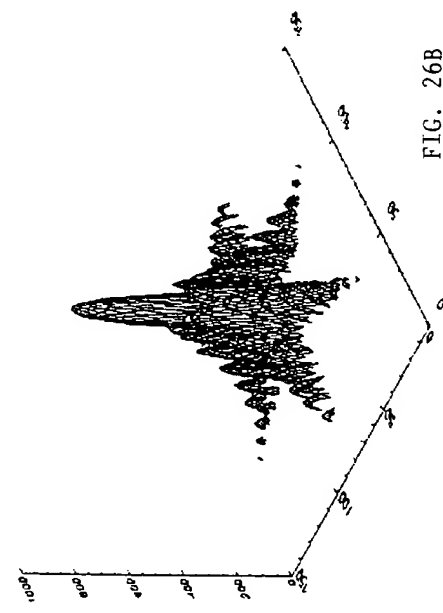
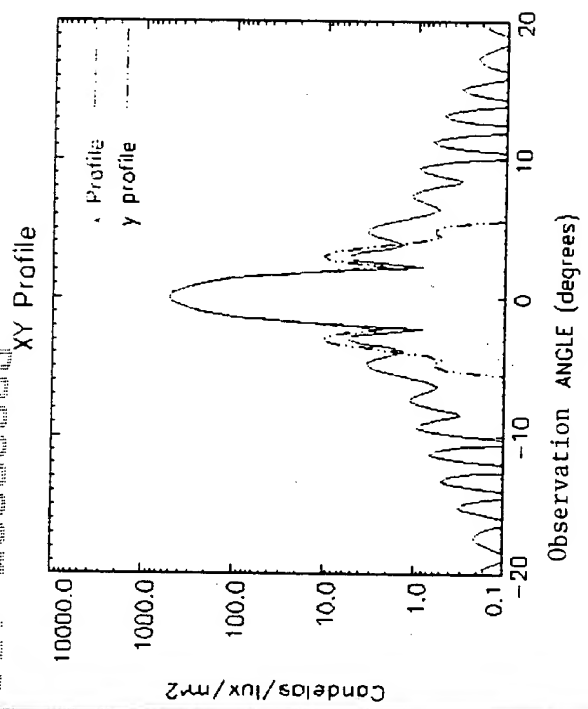
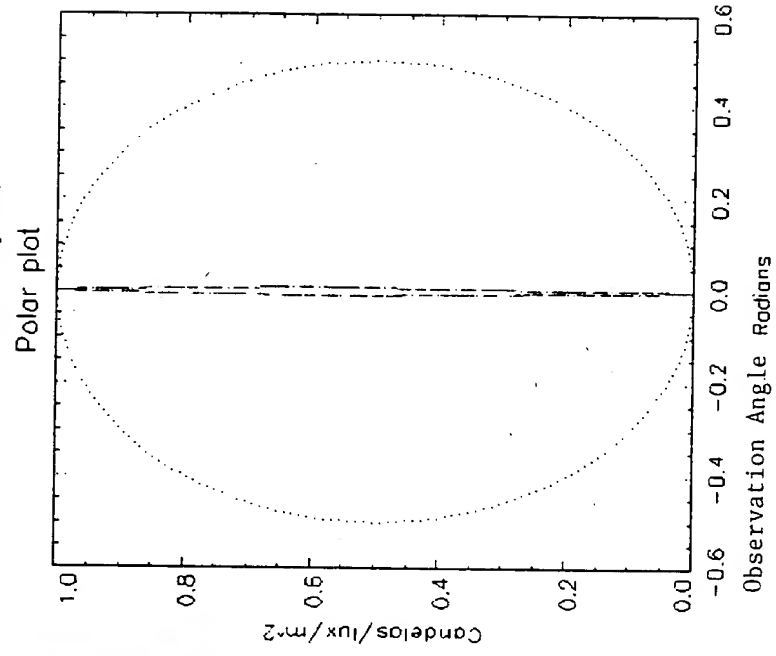


FIG. 26B



p=1 mil

FIG. 26C



550 nm

FIG. 26D

Polar plot

650027 58008680

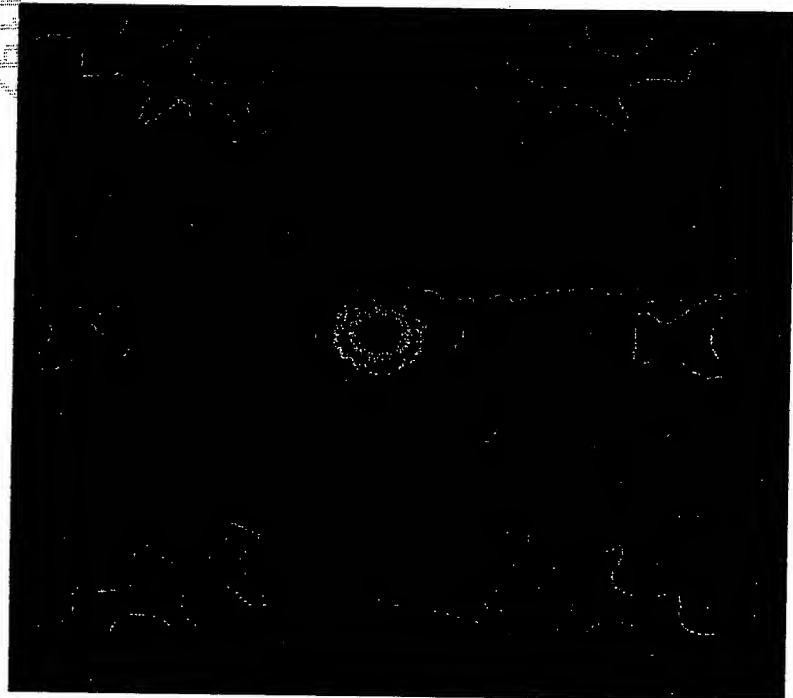


FIG. 27A

Surface Plot

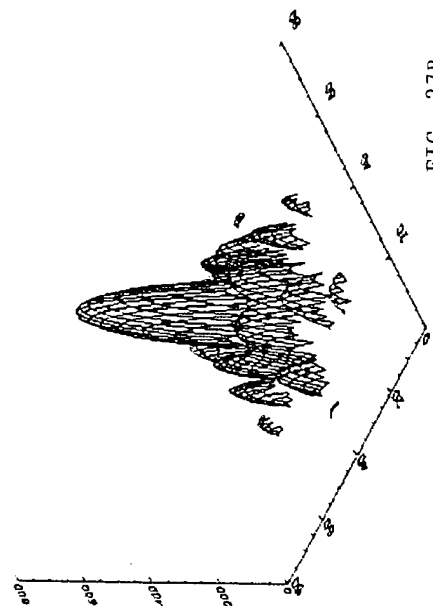


FIG. 27B

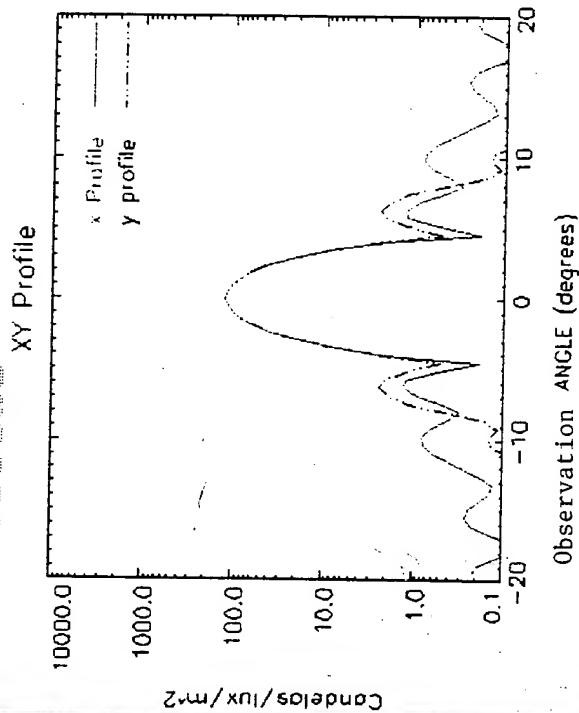


FIG. 27C

p = .5 mil,

550 nm

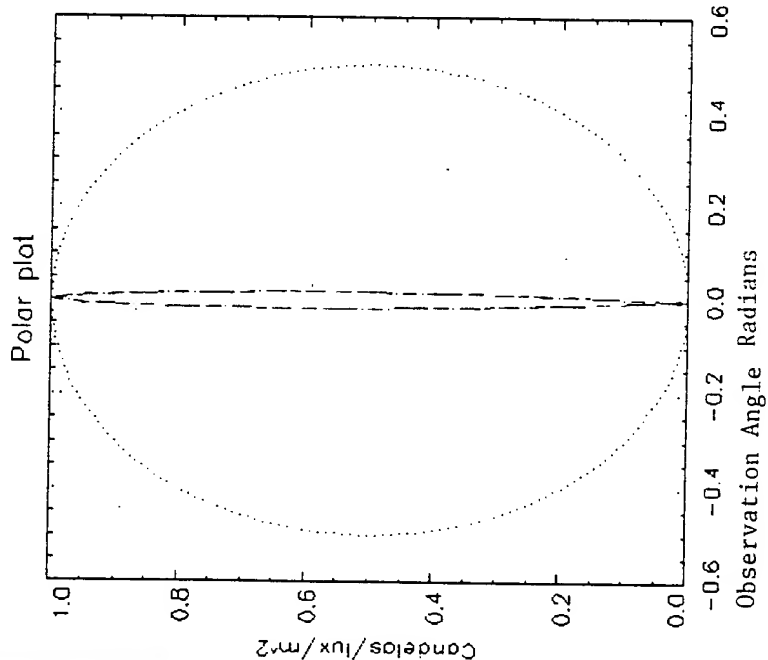


FIG. 27D

$p = .24 \text{ mil}$

FIG. 28C

550 nm

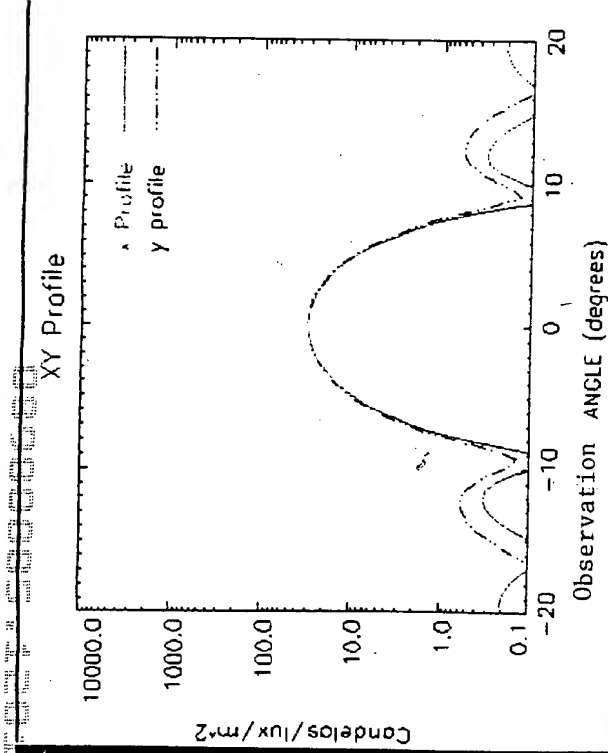


FIG. 28D

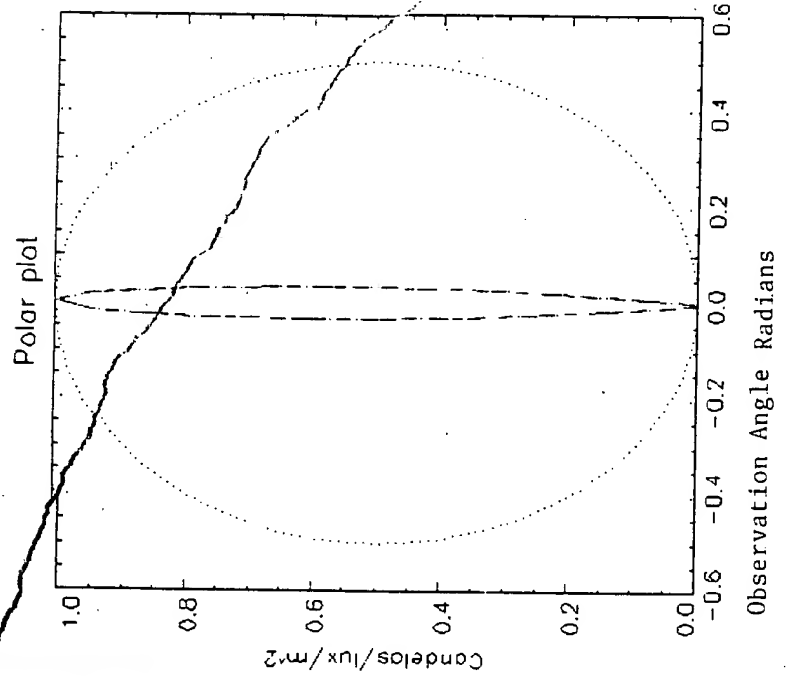


FIG. 28A

Surface Plot

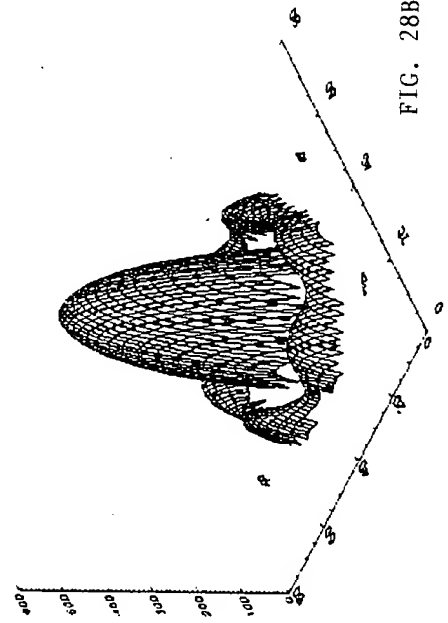
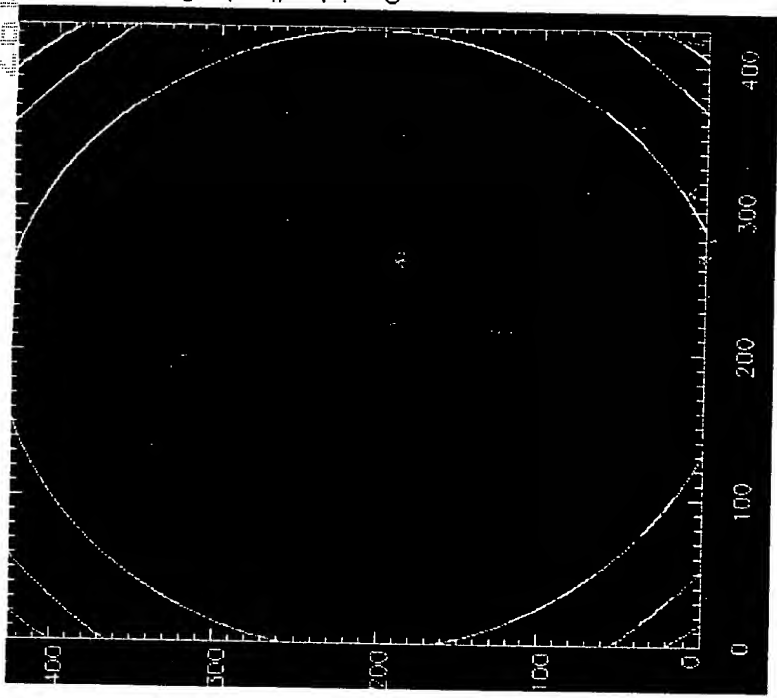


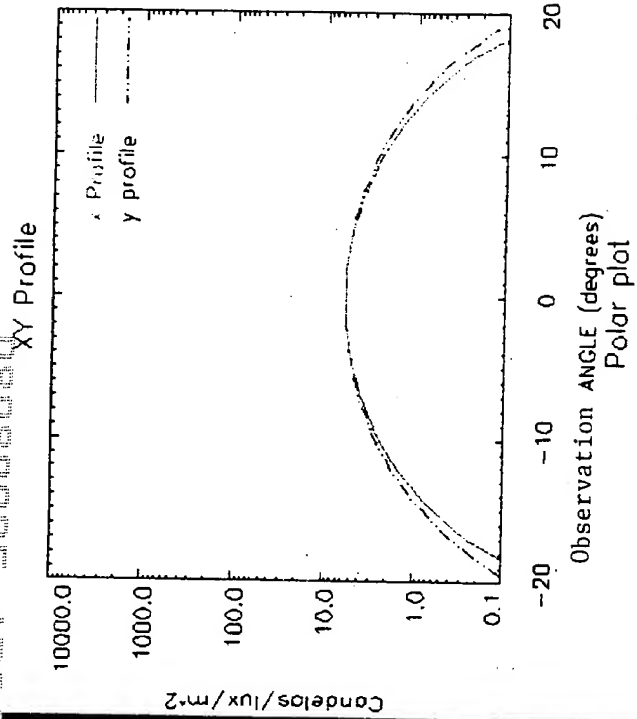
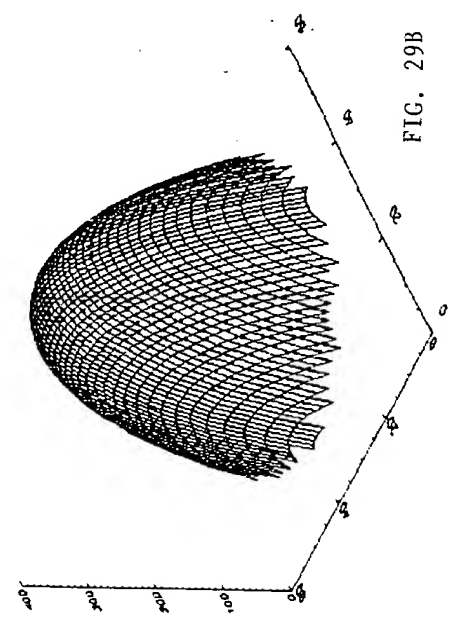
FIG. 28B



66102T 58308680



Surface Plot



$p = .1\text{mil}$

FIG. 29C

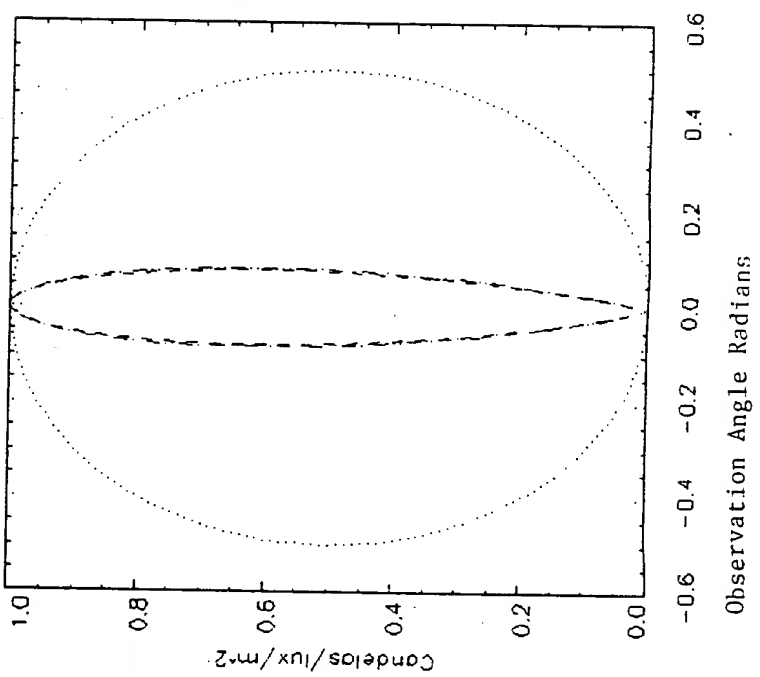
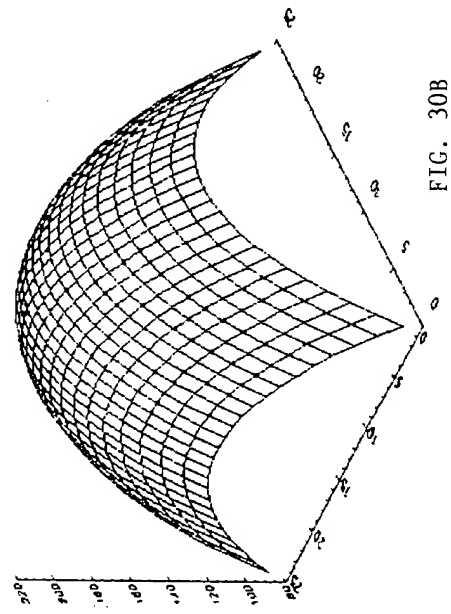
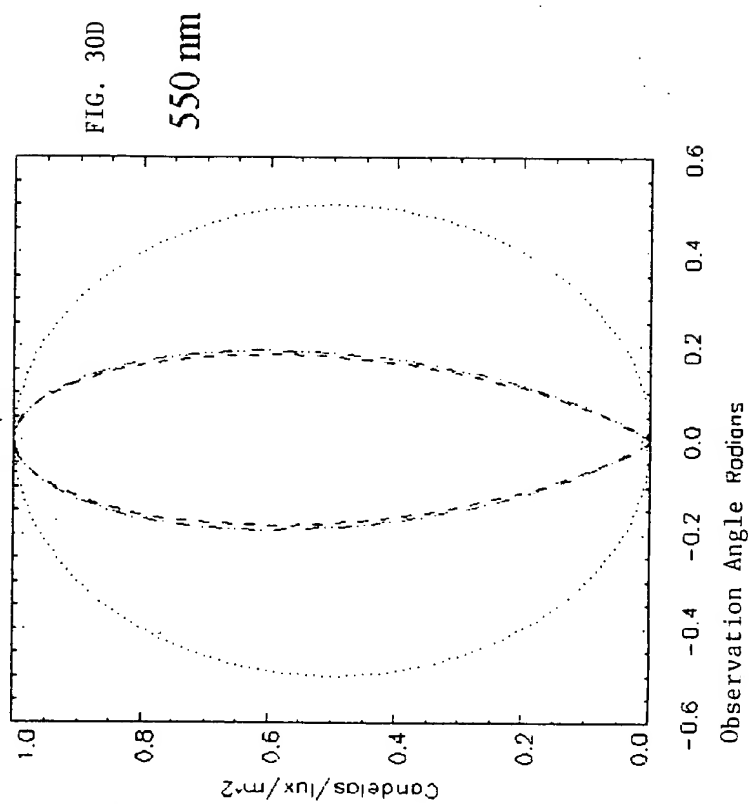
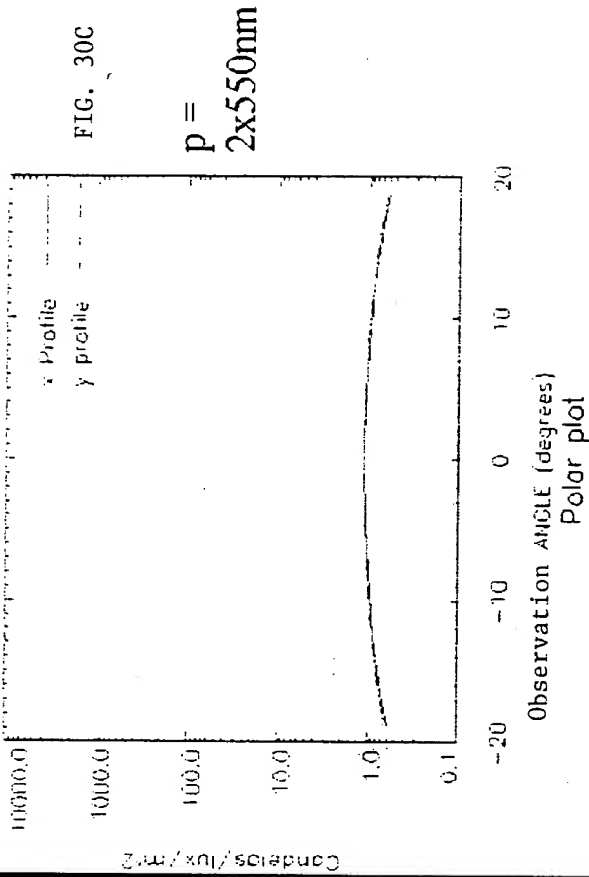
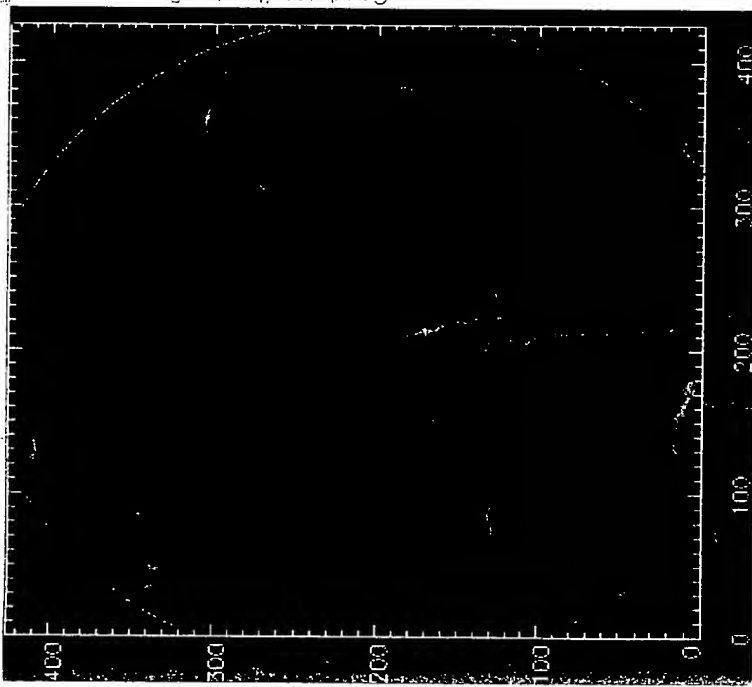


FIG. 29D

550nm

6102T" 58808447



467021 58808680

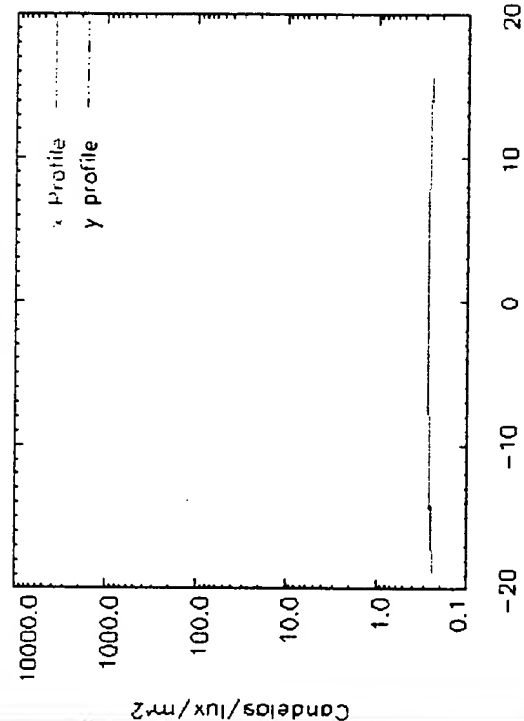
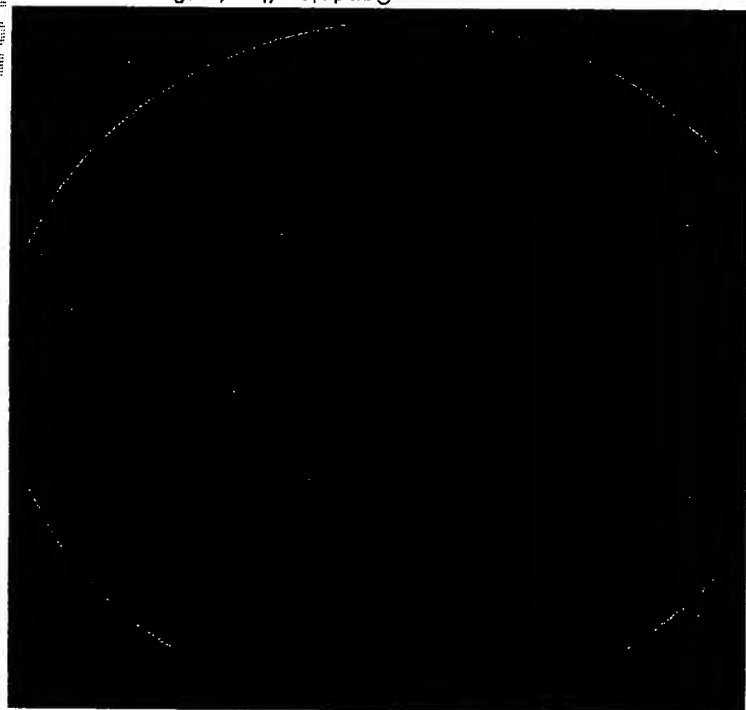


FIG. 31C

P=550 nm

FIG. 31A

Surface Plot

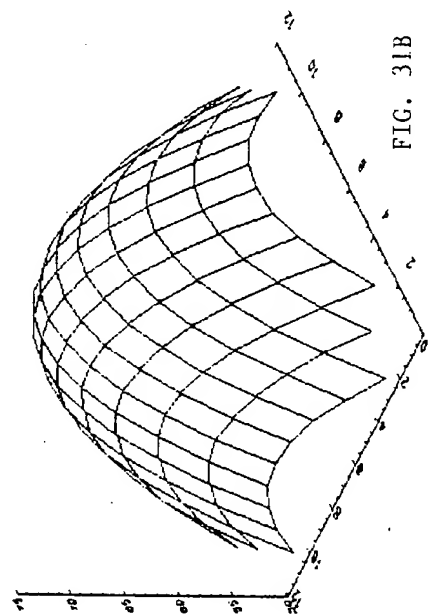


FIG. 31B

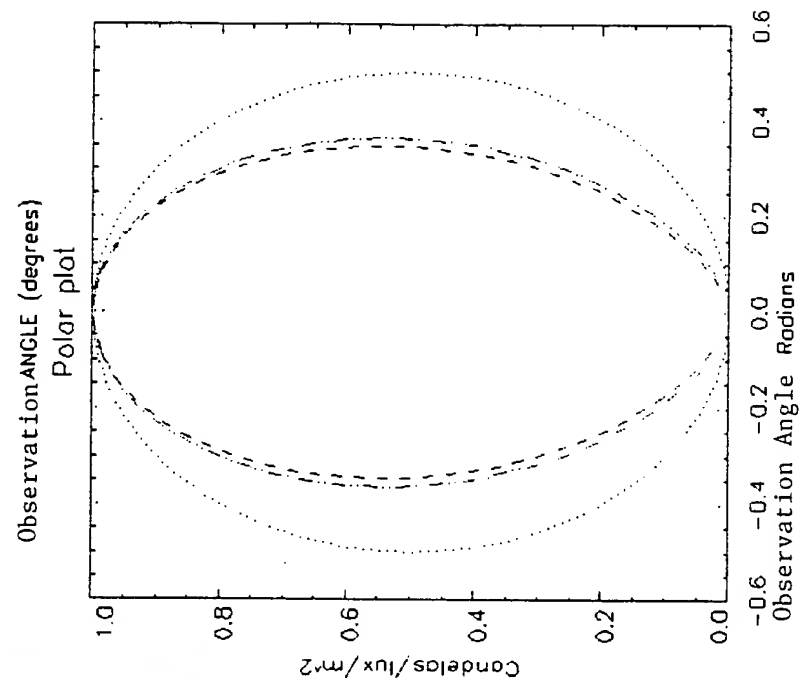


FIG. 31D

550 nm

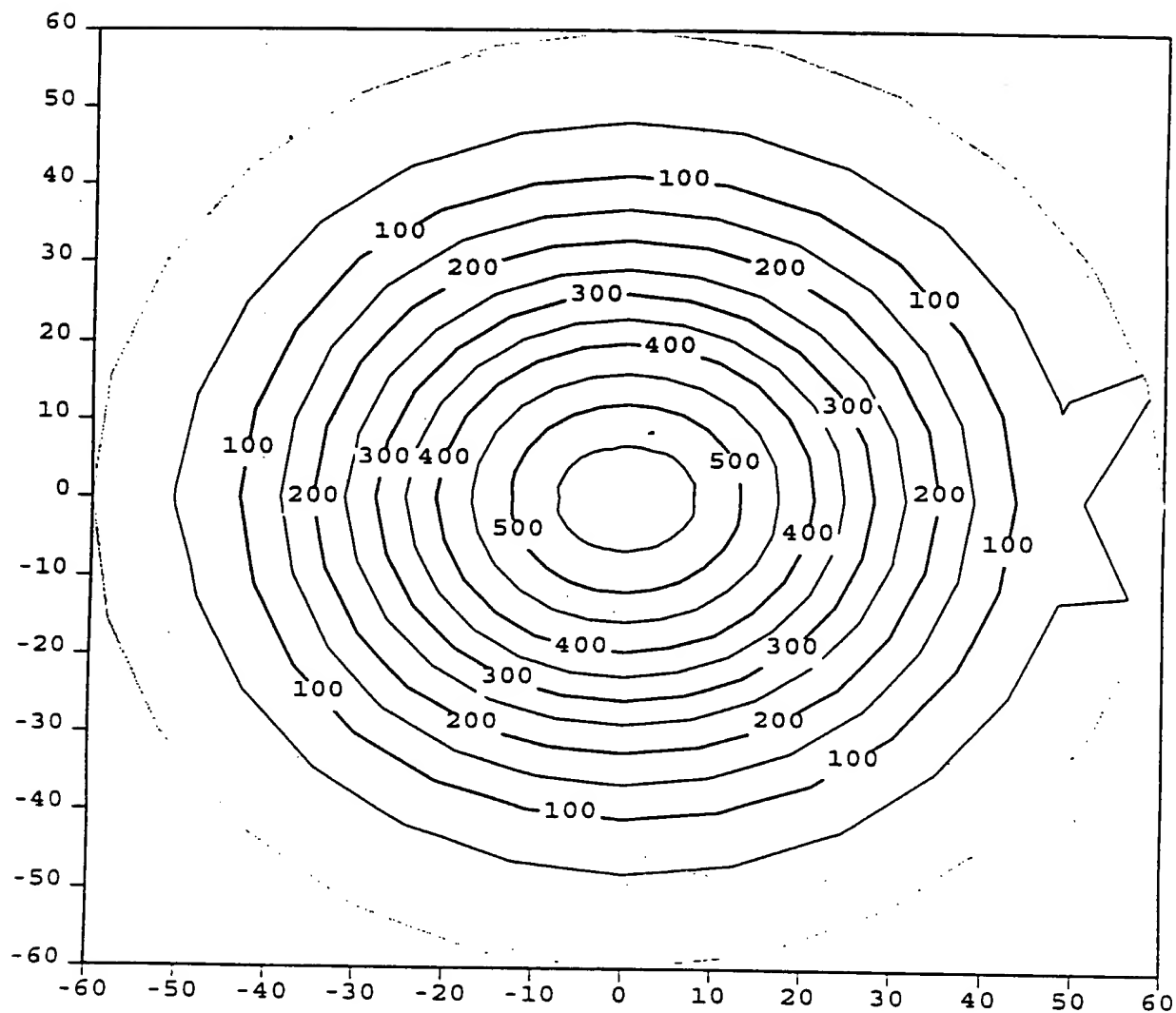


FIG. 32

0390885-120197

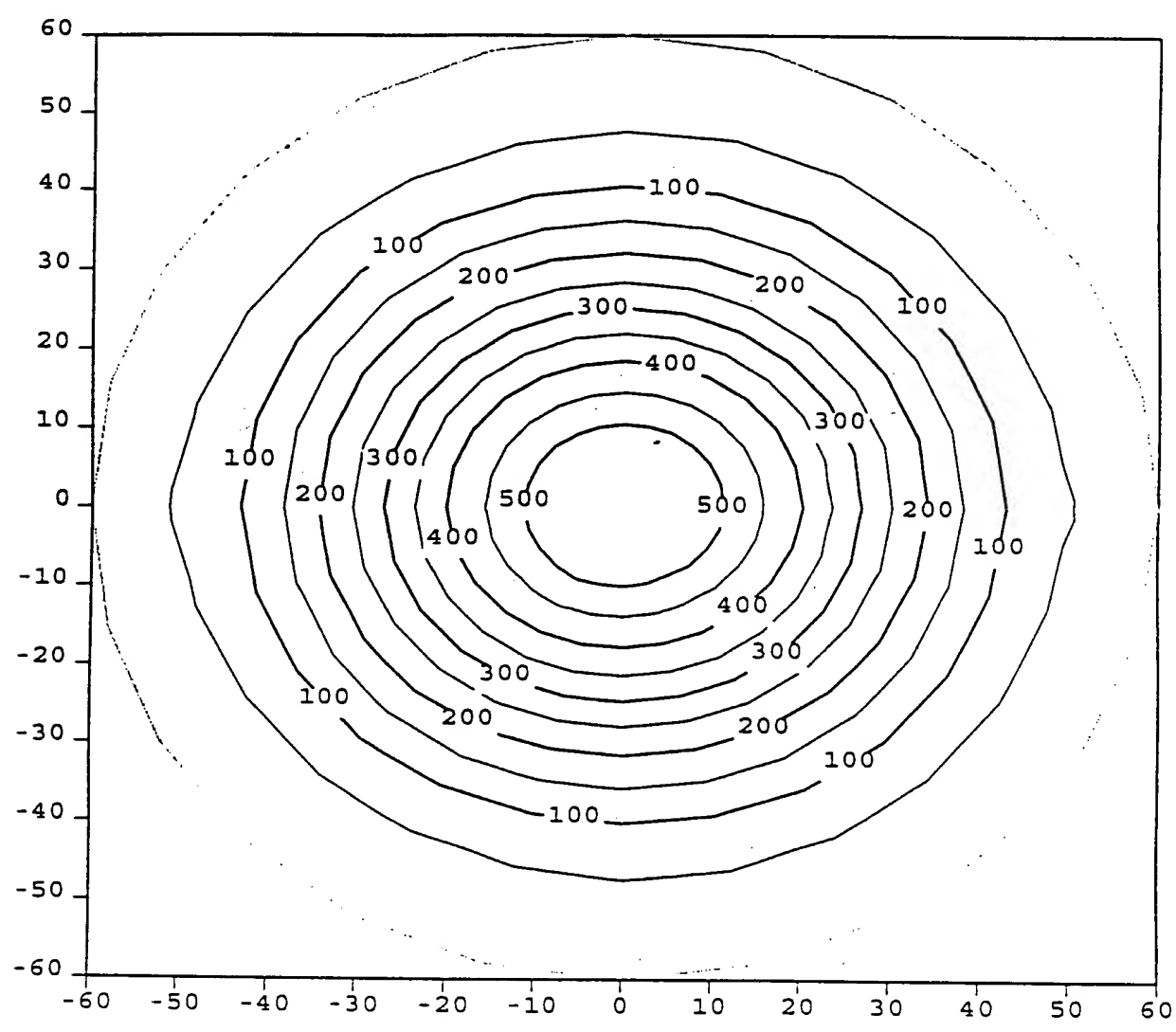


FIG. 33

06980885-120197

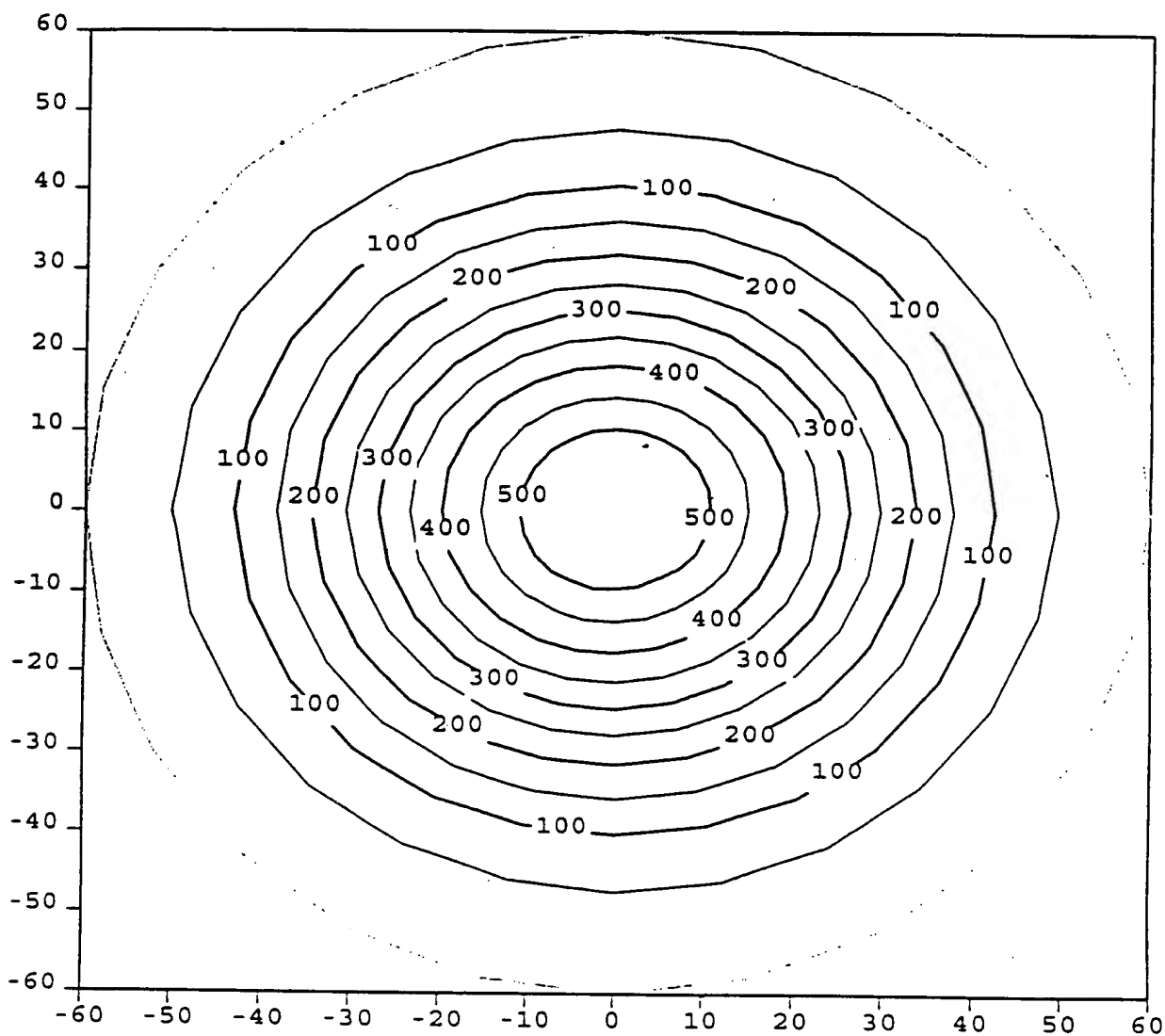


FIG. 34

08980885-120197

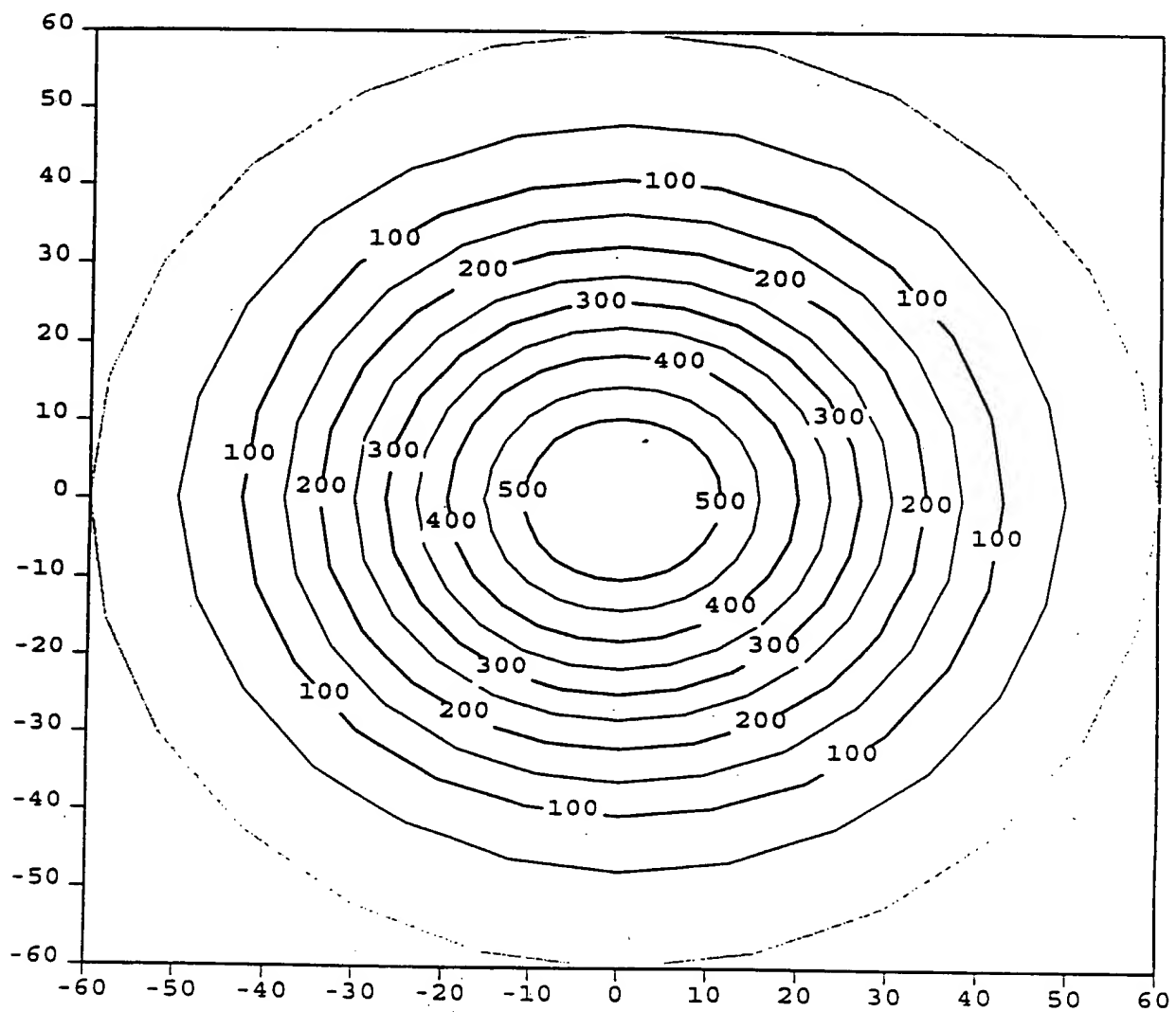


FIG. 35